

ENFORCER®



2017
FULL CATALOG

For All
Your
Security
Needs

47
years

Wireless • Access • Sensors • Security • CCTV and Accessories • Audio/Video • Vehicle Security



SECO-LARM®
www.seco-larm.com

Since
1971

2017-M02B

About SECO-LARM

SECO-LARM is the best choice for distributors and dealers around the world when it comes to the business side of security and this is true today more than ever.

Just compare this catalog to our catalog of a few years ago and see our aggressive growth in the kind of products dealers and distributors need to serve the fast-changing requirements of their customers, including completely new lines of high-end video cameras, DVRs, and access control equipment.

A History of Innovation

SECO-LARM means innovation, with security technologies built around 40 years of R&D experience and over 50 domestic and international patents.

We have been developing, manufacturing, and selling state-of-the-art security and access control products for 47 years.

Distributors and dealers in nearly 100 countries worldwide know they can count on us for a full range of access control, physical security, CCTV, A/V, and wireless components and solutions to satisfy their customers' requirements.

Customer Support

We also provide a full range of marketing, pre-sales, and post-sales support as well as services needed to help ensure our dealers' customers and their assets receive the protection they require.

The Future Ahead

Whether it is security for customers at home, work, or in their vehicles, count on SECO-LARM for the technology and support to get almost any security job done right.

Visit **www.SECO-LARM.com** for more information.



ENFORCER

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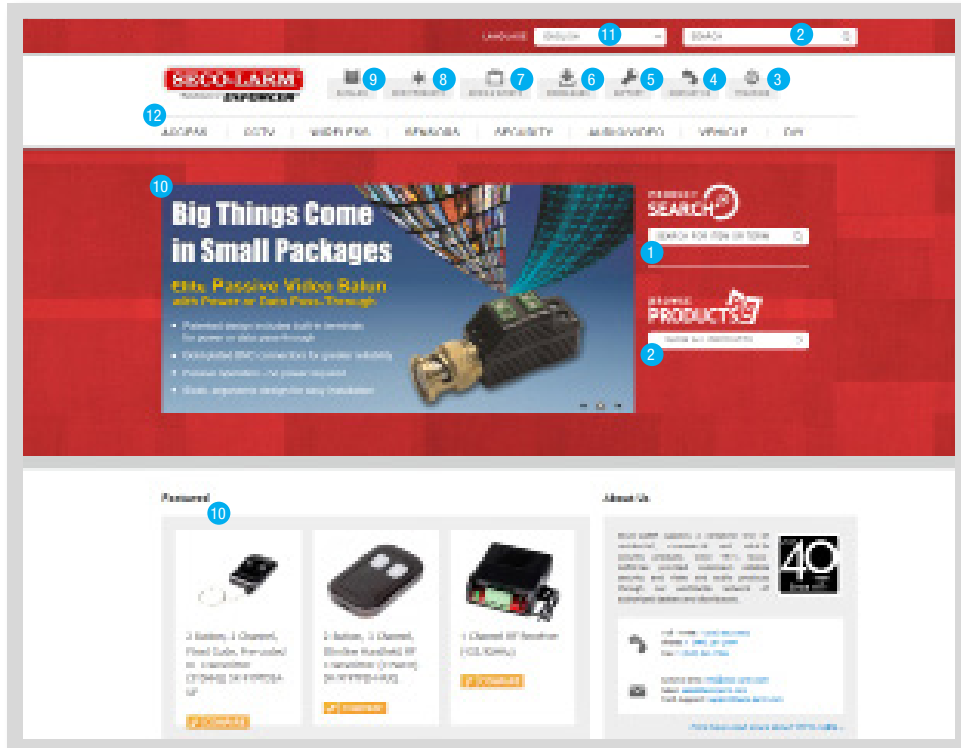
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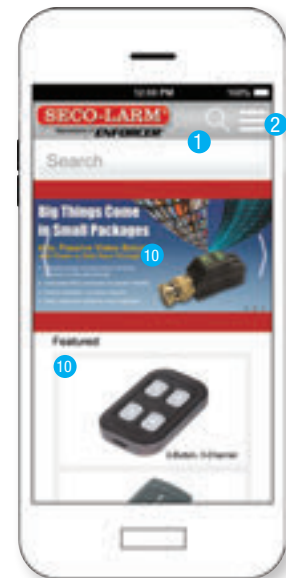
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All-New Website



Desktop



Mobile

Our new, completely redesigned website is much more intuitive, more informative, and easier to use. Everything is right at your fingertips. You'll find our product search much easier to use. Type any part of a product name or model number and find what you want easily. Since you are often on the go, we now also offer a mobile version which includes the new search engine. Visit the new site and see for yourself!

- | | | |
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| 1 Product Search | 5 Support | 9 Catalog |
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Online Tracking

Our online tracking dialog lets you follow your order from the moment it is entered into our system. You don't even need to login to find the most current information about your order, including shipping and tracking information and your packing list.

NO LOGIN REQUIRED

SECO-LARM™ Online Tracking System

Order Status

Order #

Assign To Product/Model Number

Track

Cancel

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UPGRADE your SECURITY

with **SECO-LARM** Electric Door Strikes

Door Strike for Metal Frames SD-995C

- 12 or 24 VDC/VAC versions available
- Programmable fail-safe or fail-secure operation
- Stainless steel faceplate: 4-7/8" x 1-1/4"



Surface Mount Rim Strike SD-998C-NUQ

- Use with rim-type exit devices
- Operating voltage: 12~28 VDC/VAC
- Lock and door status outputs
- 1,500-lb Static strength



Door Strike for Wood Frames SD-994C

- 12 or 24 VAC/VDC versions available
- Programmable fail-safe or fail-secure operation
- Stainless faceplate: 7-15/16" x 1-7/16"



No-Cut Door Strike SD-993C-D3Q

- Reversible non-handed design
- Operating voltage: 12/24 VDC
- Low profile: 1-1/16" deep
- Field selectable for fail-safe or fail-secure operation



Universal Door Strike SD-996C-NUQ

- Operating voltage: 12/24 VDC/VAC
- Programmable fail-safe or fail-secure
- Includes three faceplates for nearly any type of door



Vertical-Adjustment Door Strike SD-996C-NUVQ

- Adjustable deadbolt keeper, deadlatch ramp and sliding shim to compensate for installation issues
- Operating voltage: 12/24 VDC/VAC
- Programmable fail-secure or fail-safe
- Includes 5 different stainless-steel faceplates



Reversible Door Strike SD-994A-A1AQ

- Operating voltage: 8~16VAC, 12VDC
- Fail-secure operation
- Chrome faceplate: 5-7/8" x 1-1/4"
- Asymmetrical and symmetrical versions available



Horizontal-Adjustment Door Strike SD-995A-A1Q

- Adjustable keeper to compensate for installation issues
- Operating voltage: 8~16VAC, 12VDC
- Fail-secure operation
- Stainless-steel faceplate: 4-7/8" x 1-1/4"



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SECO-LARM® ENFORCER® CRIMEBUSTER® CBA® SLI®

SECO-LARM®

Manufacturer of **ENFORCER®**

1,200-lb Single-Door Maglocks



Features

- Anodized aluminum housing (US 28)
- Dual voltage: 12/24 VDC Operation
- No residual magnetism
- Detachable faceplate
- Adjustable mounting bracket
- MOV Surge protection
- Complete mounting hardware included
- E-941SA-1K2PD Only:**
 - Built-in 1~78 second timer

E-941SA-1K2PQ and E-941SA-1K2PD Only:

- Status LED – Built-in 2-color LED shows lock status
- Built-in bond sensor with 3-amp dry relay output for monitoring door status
- 3A@12VDC SPDT Relay

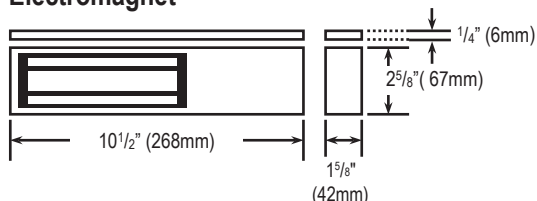
LED	Status
Green	Door is closed and locked
Red	Door not closed and/or locked
Off	Door in use / No power

Specifications

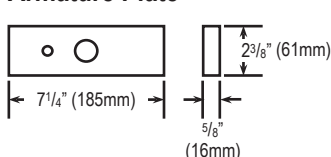
Model		E-941SA-1200	E-941SA-1K2PQ	E-941SA-1K2PD
Holding force		1,200-lb (545kg)		
Operating voltage		12/24 VDC		
Current draw	12VDC	500mA		
	24VDC	250mA		
Coil resistance		48Ω±10% per coil		
Bond sensor relay		N/A	3A@12VDC	
Status LED		N/A	Yes	
Timer		N/A		1~78 sec
Operating temperature		14°~131° F (-10°~55° C)		
Dimensions	Magnet	10½"x1⅝"x2⅝" (268x42x67 mm)		
	Armature plate	7¼"x⅝"x2⅜" (185x16x61 mm)		
Weight		11-lb (5kg)		

Dimensions

Electromagnet



Armature Plate



Model Numbers

E-941SA-1200

1,200-lb, single door, UL listed

E-941SA-1K2PQ

1,200-lb, single door, with bond sensor and status LED, UL listed

E-941SA-1K2PD*

1,200-lb, single door, with bond sensor, status LED, and timer

Accessories

E-941S-1K2/LQ

L-Bracket



E-941S-1K2/ZQ

Z-Bracket



E-941S-1K2/UQ

U-Bracket for glass doors



E-941S-1K2/PQ

Plate spacer



E-941S-1K2/HQ

Armature plate holder



E-941EC2-N1Q

Camera for 1,200-lb maglocks (see page 55 for details)



Applications

Typical Installation



With "L" Bracket

Plate Spacers



With "Z" and "L" Bracket



With "U" Bracket



With Armature Plate Holder



*E-941SA-1K2PD is not UL listed.

600-lb Single-Door Maglocks



Model Numbers

E-941SA-600

600-lb, single door, UL listed

E-941SA-600PQ

600-lb, single door, with bond sensor and status LED, UL listed

Accessories

E-941S-600/LQ

L-Bracket



E-941S-600/ZQ

Z-Bracket



E-941S-600/UQ

U-Bracket for glass doors



E-941S-600/PQ

Plate spacer



E-941S-600/HQ

Armature plate holder



Features

- Anodized aluminum housing (US 28)
- Dual voltage: 12/24 VDC Operation
- No residual magnetism
- Detachable faceplate
- Adjustable mounting bracket
- MOV Surge protection
- Complete mounting hardware included

E-941SA-600PQ Only:

- Status LED – Built-in 2-color LED shows lock/unlock status
- Built-in bond sensor with 3A dry relay output for monitoring door status
- 3A@12VDC SPDT Relay

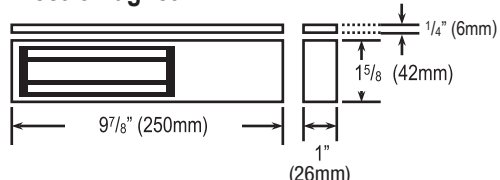
LED	Status
Green	Door is closed and locked
Red	Door not closed and/or locked
Off	Door in use / No power

Specifications

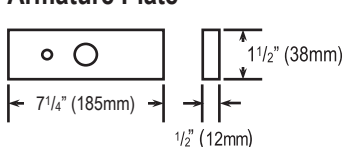
Model	E-941SA-600	E-941SA-600PQ
Holding force	600-lb (272kg)	
Operating voltage	12/24 VDC	
Current draw	12VDC	500mA
	24VDC	250mA
Coil resistance	48Ω±10% per coil	
Bond sensor relay	N/A	3A@12VDC
Status LED	N/A	Yes
Operating temperature	14°~131° F (-10°~55° C)	
Dimensions	Magnet	9 7/8" x 1 1/8" x 1 1/8" (250x26x40 mm)
	Armature plate	7 1/4" x 1/2" x 1 1/2" (185x12x38 mm)
Weight	4-lb 6-oz (2kg)	

Dimensions

Electromagnet

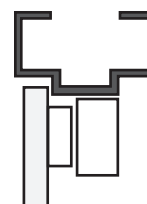


Armature Plate



Applications

Typical Installation



With "L" Bracket

Plate Spacers



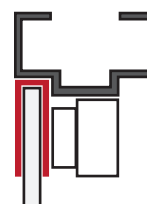
With "Z" and "L" Bracket



With "U" Bracket



With Armature Plate Holder



1,200-lb Double-Door Maglocks



Features

- 1,200-lb Holding force for each door
- Anodized aluminum housing (US 28)
- Dual voltage: 12/24 VDC Operation
- No residual magnetism
- Detachable faceplate
- Adjustable mounting bracket
- MOV Surge protection
- Complete mounting hardware included

E-941DA-1K2P Only:

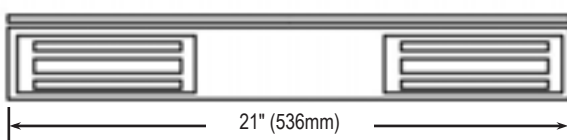
- Status LED – Built-in 2-color LED shows lock status
- Built-in bond sensor with 3-amp dry relay output for monitoring door status
- 3A@12VDC SPDT Relay for bond sensor

Specifications

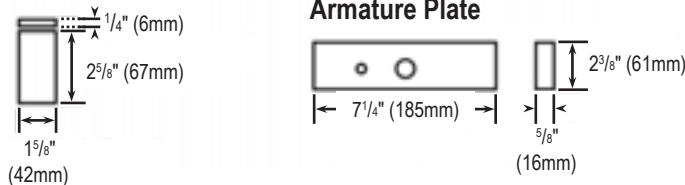
Model	E-941DA-1K2Q	E-941DA-1K2P
Holding force	1,200-lb (545kg) per door	
Operating voltage	12/24 VDC	
Current draw	12VDC	500mA per door (1A total)
	24VDC	250mA per door (500mA total)
Coil resistance	48Ω±10% per coil	
Bond sensor relay	N/A	3A@12VDC
Status LED	N/A	Yes
Operating temperature	14°~131° F (-10°~55° C)	
Dimensions	Magnet	21"x1½"x2½" (536x42x67 mm)
	Armature plate	7¼"x5½"x2¾" (185x16x61 mm)
Weight	21-lb (10kg)	

Dimensions

Electromagnet



Armature Plate



Model Numbers

E-941DA-1K2Q

1,200-lb, double-door, UL listed

E-941DA-1K2P

1,200-lb, double-door, with bond sensor and status LED, UL listed

LED	Status
Green	Door is closed and locked
Red	Door not closed and/or locked
Off	Door in use / No power

Accessories

E-941S-1K2/LQ

L-Bracket



E-941S-1K2/ZQ

Z-Bracket



E-941S-1K2/UQ

U-Bracket



E-941D-1K2/P

Plate spacer



E-941S-1K2/HQ

Armature plate holder



E-941EC2-N1Q

Camera for 1,200-lb maglocks (see page 55 for details)



Applications

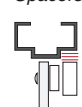
Typical Installation



With "Z" and "L" Bracket



Plate Spacers



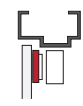
With "U" Bracket



With "L" Bracket



With Armature Plate Holder



600-lb Double-Door Maglocks



Model Numbers

E-941DA-600Q

600-lb, double-door, UL listed

E-941DA-600PQ

600-lb, double-door, with bond sensor and status LED, UL listed

LED	Status
Green	Door is closed and locked
Red	Door not closed and/or locked
Off	Door in use / No power

Accessories

E-941S-600/LQ

L-Bracket



E-941S-600/ZQ

Z-Bracket



E-941S-600/UQ

U-Bracket



E-941D-600/PQ

Plate spacer



E-941S-600/HQ

Armature plate holder



Applications

Typical Installation



With "L" Bracket



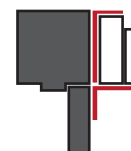
With "U" Bracket



Plate Spacers



With "Z" and "L" Bracket



With Armature Plate Holder



Features

- 600-lb Holding force for each door
- Anodized aluminum housing (US 28)
- Dual voltage: 12/24 VDC Operation
- No residual magnetism
- Detachable faceplate
- Adjustable mounting bracket
- MOV Surge protection
- Complete mounting hardware included

E-941DA-600PQ Only:

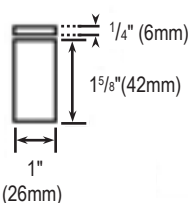
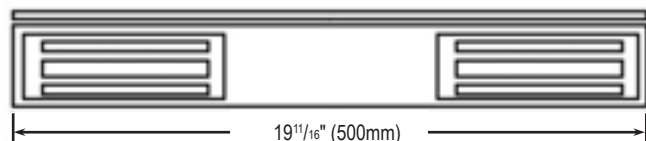
- Status LED - Built-in 2-color LED shows lock status
- Built-in bond sensor with 3-amp dry relay output for monitoring door status
- 3A@12VDC SPDT Relay for bond sensor

Specifications

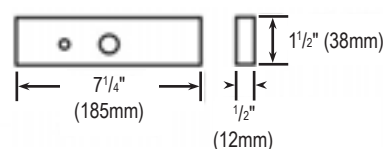
Model	E-941DA-600Q	E-941DA-600PQ
Holding force	600-lb (272kg) per door	
Operating voltage	12/24 VDC	
Current draw	12VDC	500mA per door (1A total)
	24VDC	250mA per door (500mA total)
Coil resistance	48Ω±10% per coil	
Bond sensor relay	N/A	3A@12VDC
Status LED	N/A	Yes
Operating temperature	14°~131° F (-10°~55° C)	
Dimensions	Magnet	19 ¹¹ / ₁₆ "x1 ¹ / ₁₆ "x1 ⁵ / ₈ " (500x26x40 mm)
	Armature plate	7 ¹ / ₄ "x1 ¹ / ₂ " (185x12x38 mm)
Weight	9-lb (4kg)	

Dimensions

Electromagnet



Armature Plate



1,500-lb Single-Door Maglock



Features

- No residual magnetism
- Adjustable mounting bracket
- MOV surge protection
- Anodized aluminum housing (US 28)
- Complete mounting hardware included

Model Number

E-941SA-1K5Q*
1500-lb Holding force @ 12/24 VDC

NEW

300-lb Single-Door Maglock



Features

- No residual magnetism
- Adjustable mounting bracket
- MOV Surge protection
- Complete mounting hardware included
- Weatherproof for outdoor use
- Pre-wired 36" (91cm) cable
- 12VDC Operation

Model Number

E-941SA-300*
300-lb Holding force,
indoor/outdoor use

- Stainless steel housing
- Dimensions
 - Magnet: 6³/₄"x1"x1¹/₄" (170x23x32 mm)
 - Armature Plate: 6"x3³/₈"x1¹/₄" (152x10x32 mm)

300-lb Single-Door Maglock



Features

- No residual magnetism
- Adjustable mounting bracket
- MOV Surge protection
- Complete mounting hardware included
- Anodized aluminum housing (US 28)
- Reversible installation
- Detachable faceplate

Model Number

E-941SA-300RQ*
300-lb Holding force,
indoor use only

- 12/24 VDC Operation
- Optional mounting brackets available
- Dimensions
 - Magnet: 7⁷/₈"x1"x1³/₈" (200x24x35 mm)
 - Armature Plate: 6"x3³/₈"x1¹/₄" (152x10x32 mm)

80-lb Single-Door Maglock



Features

- No residual magnetism
- Adjustable mounting bracket
- MOV Surge protection
- Anodized aluminum housing (US 28)
- For small, minimum security doors including cabinets and drawers
- 12~24 VDC Operation
- Detachable mounting bracket for easy installation

Model Number


E-941SA-80Q
80-lb Holding force @ 12VDC
110-lb Holding force @ 24VDC

- Current draw
 - 12VDC: 85mA
 - 24VDC: 165mA
- Dimensions
 - Magnet: 2³/₄"x1³/₁₆"x1¹/₄" (70x20x31 mm)
 - Armature Plate: 2³/₈"x3³/₈"x1¹/₄" (60x9x31 mm)


*For additional information on the **SECO-LARM®** Maglock Accessories see page 11.

Mounting Brackets

Z-Brackets

Model Numbers:	Compatible with:	
E-941S300R/ZQ	E-941SA-300RQ	
E-941S-600/ZQ	E-941SA-600, E-941SA-600PQ, E-941DA-600Q, E-941DA-600PQ	
E-941S-1K2/ZQ	E-941SA-1200, E-941SA-1K2PQ, E-941SA-1K2PD, E-941DA-1K2Q, E-941DA-1K2P, E-941SA-1K5Q	

L-Brackets

Model Numbers:	Compatible with:	
E-941S300R/LQ	E-941SA-300RQ	
E-941S-600/LQ	E-941SA-600, E-941SA-600PQ E-941DA-600Q, E-941DA-600PQ	
E-941S-1K2/LQ	E-941SA-1200, E-941SA-1K2PQ E-941SA-1K2PD, E-941DA-1K2Q E-941DA-1K2P	
E-941S-1K5/L NEW	E-941SA-1K5Q	

U-Brackets




Model Numbers:	Compatible with:	
E-941S300R/UQ	E-941SA-300RQ	
E-941S-600/UQ	E-941SA-600, E-941SA-600PQ E-941DA-600Q, E-941DA-600PQ	
E-941S-1K2/UQ	E-941SA-1200, E-941SA-1K2PQ, E-941SA-1K2PD, E-941DA-1K2Q E-941DA-1K2P, E-941SA-1K5Q	

Plate Spacers

Model Numbers:	Compatible with:	
E-941S300R/PQ	E-941SA-300RQ	
E-941S-600/PQ	E-941SA-600, E-941SA-600PQ	
E-941S-1K2/PQ	E-941SA-1200, E-941SA-1K2PQ	
E-941S-1K5/P NEW	E-941SA-1K5Q	
E-941D-600/PQ	E-941DA-600Q, E-941DA-600PQ	
E-941D-1K2/P	E-941DA-1K2Q, E-941DA-1K2P	

Armature Plate Holders

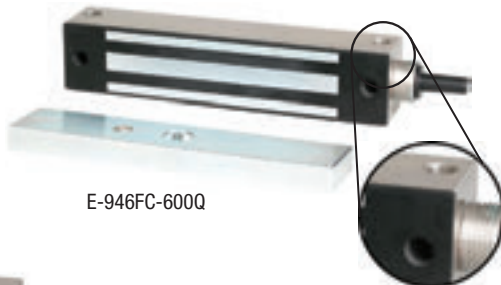
Model Numbers:	Compatible with:	
E-941S-600/HQ	E-941SA-600, E-941SA-600PQ, E-941DA-600Q, E-941DA-600PQ	
E-941S-1K2/HQ	E-941SA-1200, E-941SA-1K2PQ, E-941SA-1K2PD, E-941DA-1K2Q, E-941DA-1K2P, E-941SA-1K5Q	

Note: Brackets and spacers not available for E-941SA-300

Electromagnetic Gate Locks



E-942FC-600

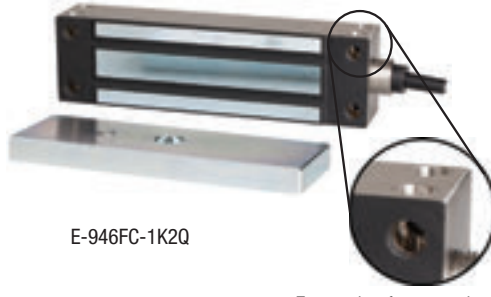


E-946FC-600Q

Face and surface mounting



E-942FC-1300



E-946FC-1K2Q

Face and surface mounting

Features

- Face or surface mounting
- For indoor & outdoor applications
- For sliding or swinging gates
- Water resistant and vandal resistant
- Maintenance-free, factory-sealed design
- Dual-threaded conduit fitting
- Attractive stainless steel housing
- Dual voltage: 12/24 VDC Operation
- 6½ ft (2m) Hookup cord (E-946FC-1K2Q and E-942FC-1300)
- 3ft (91cm) Hookup cord (E-946FC-600Q and E-942FC-600)
- No residual magnetism
- MOV Surge protection
- Complete mounting hardware included
- "L" and "Z" brackets available
- Current draw
 - 12VDC: 500mA
 - 24VDC: 250mA

Accessories

E-942F-600/L
L-Bracket for:
E-942FC-600
E-946FC-600Q



E-946F-1K2/LQ
L-Bracket for:
E-946FC-1K2Q



E-942F-1300/L
L-Bracket for:
E-942FC-1300



E-942F-600/Z
Z-Bracket for:
E-942FC-600
E-946FC-600Q



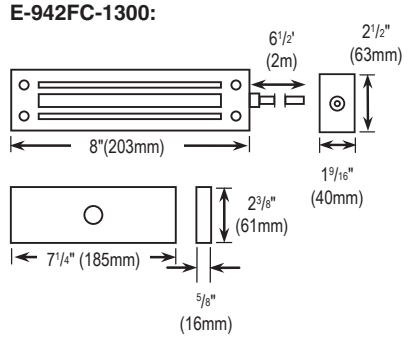
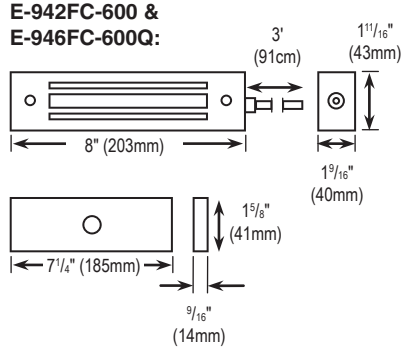
E-942F1300/ZQ
Z-Bracket for:
E-942FC-1300
E-946FC-1K2Q



Model Numbers

- E-942FC-600**
600-lb Holding force, face-mount
- E-942FC-1300**
1,200-lb Holding force, face-mount
- E-946FC-600Q**
1,200-lb Holding force, face and surface mount
- E-946FC-1K2Q**
1,200-lb Holding force, face and surface mount

Dimensions



Weldable Magnetic Gate Locks

Model Numbers

E-942FC-600SQ

600-lb Holding force,
face mounting

E-942FC-1K3SQ

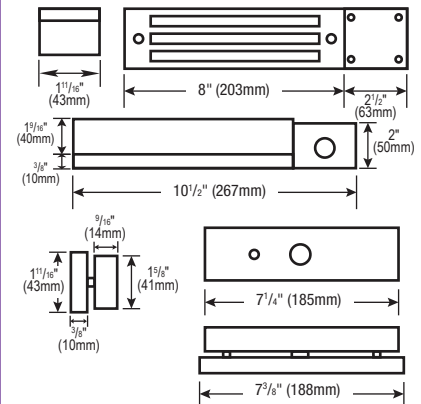
1,200-lb Holding force,
face mounting

E-946FC-1K2SQ

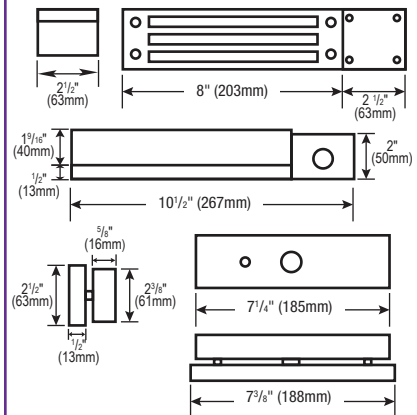
1,200-lb Holding force, face and
surface mounting

Dimensions

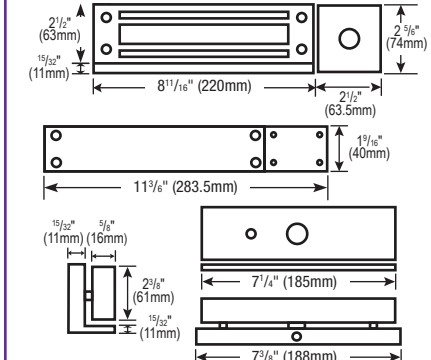
E-942FC-600SQ:



E-942FC-1K3SQ:



E-946FC-1K2SQ:



E-942FC-600SQ



E-942FC-1K3SQ



E-946FC-1K2SQ

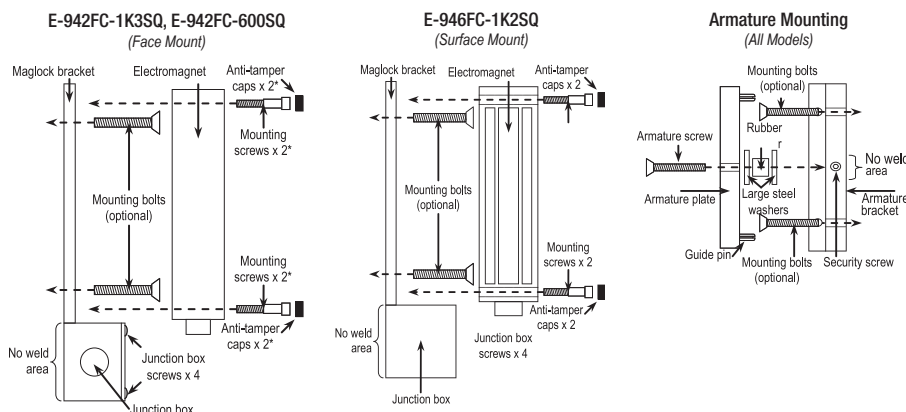
Features

- For sliding or swinging gates
- Weld or bolt brackets directly to the gate
- Brackets are zinc-plated for corrosion resistance
- Water resistant and vandal resistant
- Maintenance-free, factory-sealed design
- Dual-threaded conduit fitting
- Anodized aluminum housing (US 28)
- No residual magnetism
- MOV Surge protection

Specifications

Model	E-942FC-600SQ	E-942FC-1K3SQ	E-946FC-1K2SQ
Holding force	600-lb (272kg)	1,200-lb (544kg)	
Operating voltage	12/24 VDC		
Current draw	12VDC	500mA	
	24VDC	250mA	
Operating temperature	14°~131° F (-10°~55° C)		

Mounting Diagram



Magnetic Door Holders



Model Numbers

DH-171SQ

Flush-mount, Fail-Safe, UL listed

DH-151SQ

Surface-mount, Fail-Safe, UL listed

Specifications

Model	DH-171SQ	DH-151SQ
Installation	Flush-mount	Surface-mount
Current draw	52mA@12VAC, 60mA@12VDC	
	27mA@24VAC, 31mA@24VDC	
	24mA@120VAC	
Holding Force	33-lb (15kg)	
Magnet box dimensions	2 ³ / ₄ "x4 ⁹ / ₁₆ "x2 ¹ / ₁₆ " (70x116.5x52 mm)	2 ³ / ₄ "x4 ⁹ / ₁₆ "x3" (70x116.5x76 mm)
Door armature dimensions	2 ⁹ / ₁₆ "x2 ⁹ / ₁₆ "x1 ⁹ / ₁₆ " (65x65x40 mm)	
Magnet box weight	1-lb 6.4-oz (635g)	1-lb 1.5-oz (496g)
Operating voltage	12 VAC/VDC, 24 VAC/VDC, 120VAC	

Features

- For use with door closers to control the release and closing of residential, commercial, and public area doors
- Adjustable armature plate reduces installation time and adjusts to door alignment changes
- Low profile design
- Extension bars available: 1/2", 3/4", 1", 2", 3", 4", 5", 6", 7"
- Cast aluminum faceplate
- No residual magnetism for easy release
- Built-in voltage spike suppressor
- Use with SECO-LARM door closers SD-C121-S, SD-131-SQ, SD-C101-SGQ, SD-C101-SBAQ, or SD-C101-SBBQ

Extension Bars

DH-100E-05SQ

1/2" Extension bar



DH-100E-07SQ

3/4" Extension bar



DH-100E-10SQ

1" Extension bar



DH-100E-20SQ

2" Extension bar



DH-100E-30SQ

3" Extension bar



DH-100E-40SQ

4" Extension bar



DH-100E-50SQ

5" Extension bar



DH-100E-60SQ

6" Extension bar

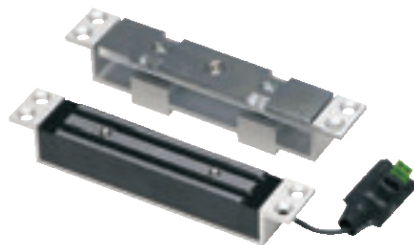


DH-100E70SQ

7" Extension bar



1,500-lb Electric Shear Lock



Model Number

SD-993B-SS

12/24 VDC, fail-safe operation, 1,500-lbs holding force

Specifications

Operating Voltage		12 or 24 VDC
Current draw	12VDC	420mA
	24VDC	210mA
Door Gap	Max. 1/16" (2mm)	
Weight (Approx.)	2lb 8-oz (1.1kg)	

Features

- Concealed security for remote access control with aluminum or steel doors and gates
- Small size for use with most metal door jambs
- Fail-safe operation
- Works with sliding, single-action, and double-action doors and gates
- Spring-loaded locking bolts and magnetic bond hold door securely in place with approximately 1,500-lb (680kg) of shear holding force
- Anodized aluminum housing
- Armature plate adjusts to compensate for gaps between door and frame

Electric Door Strikes



SD-995C / SD-995C24

SD-994C / SD-994C24

Model Numbers

SD-995C

Fail-safe/fail-secure, 12VDC, for metal doors, UL listed

SD-995C24

Fail-safe/fail-secure, 24VDC, for metal doors, UL listed

SD-994C

Fail-safe/fail-secure, 12VDC, for wood doors, UL listed

SD-994C24

Fail-safe/fail-secure, 24VDC, for wood doors, UL listed

Accessories

SD-995C-LE25

Lip extender, 1" (25mm)



SD-995C-LE50

Lip extender, 2" (50mm)



SD-995JA-11Q

Frame preparation jig



Trim Plate Included

Trim plate included for cleaner installations.



Features

- Field-programmable in just seconds for fail-safe or fail-secure applications
- Can be used with virtually any cylindrical door locking system
- Use with an optional digital keypad
- Suitable for office-type applications
- Symmetrical-sized, reversible for right-hand or left-hand doors
- Shallow design for use with most doors
- Powered by a solenoid, not a buzzer coil
- Static strength – 1,000-lb (454kg)
- Stainless steel lip (keeper) for strength and long life
- Non-polarized connection; wires can be reversed
- Tested to 1 million cycles
- Includes trim plate to hide gaps in installation
- Optional lip-extension brackets available:
 - SD-995C-LE25 – 1" Extension
 - SD-995C-LE50 – 2" Extension
- Dimensions:
 - SD-995C/SD-995C24
4⁷/₈"x1¹/₄"x1¹/₄" (124x32x32 mm)
 - SD-994C/SD-994C24
7¹⁵/₁₆"x1⁷/₁₆"x1¹/₄" (202x36x32 mm)

Basic Electric Door Strikes



Model Numbers

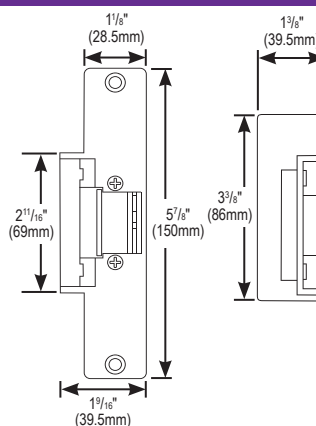
SK-990AQ

Fail-secure, 12VDC, for wood doors

SK-990BQ

Fail-safe, 12VDC, for wood doors

Dimensions



Features

- Converts cylindrical lock sets into an electronic access-controlled locking system
- Can be used on virtually any cylindrical door locking system
- Combine with an optional digital keypad such as the SECO-LARM SK-1011-SDQ for keyless high security
- Baked painted finish
- Use fail-secure (SK-990AQ) units for entrance door installations
- Use fail-safe (SK-990BQ) units for emergency door and escape door installations
- Input voltage: 10~14 VDC
- Current draw:
 - SK-990AQ: 450mA
 - SK-990BQ: 200mA

Electric Door Strikes (Reversible)



SD-994A-A1AQ



SD-994A-A1SQ

Features

- Can be used on virtually any mortise or cylindrical door locking system
- Powered by a solenoid
- US26D Bright chrome faceplate
- Miniature lock body for easier installation
- Zinc alloy faceplate
- Frame type - wood
- Corrosion-resistant case and moving parts
- Tamper strength test - 1000lbs (454kg)
- Cycle test - 500,000 cycles
- Keeper depth $2\frac{1}{32}$ " (16.8mm) maximum latch projection possible with $\frac{1}{8}$ " door / frame clearance - $\frac{3}{4}$ "
- Strike depth $1\frac{1}{2}$ " Overall
- Non-handed

Model Numbers

SD-994A-A1AQ

Asymmetrical plate, Fail-secure

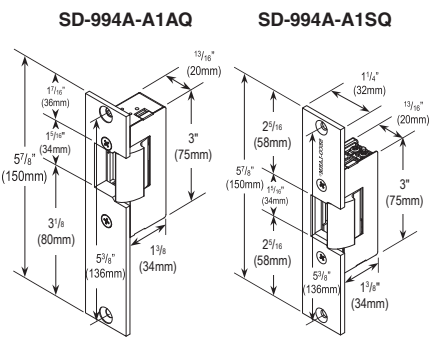
SD-994A-A1SQ

Symmetrical plate, Fail-secure

Specifications

Current draw	16VAC	800mA
	12VDC	750mA
Operating temperature	14°~113° F (-10°~45° C)	
Weight	10.3-oz (292g)	
Operating voltage	8~16 VAC/12VDC	
Operation	Fail secure	

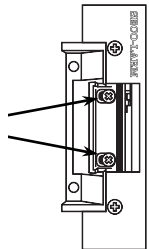
Dimensions



Electric Door Strike (Horizontal Adjustment)



Keeper Adjustment Screws



Features

- $\frac{1}{4}$ " Horizontal keeper adjustment compensates for installation difficulties such as warped doors, different-sized latch bolts, etc.
- Unique design accommodates both wood and metal doors
- Fail-secure operation
- Reversible for right or left-handed doors
- Durable stainless steel faceplate
- Miniature lock body for easier installation
- Corrosion-resistant case and moving parts
- Complete mounting hardware included
- Screw terminals for ease of wiring
- Operating voltage: 8~16 VAC/12VDC
- 1,000-lb (453kg) Holding force
- Tested to 500,000 cycles
- Keeper depth: $2\frac{1}{32}$ " (16.8mm)
- Latch depth: $\frac{3}{4}$ " (19mm)

Model Number

SD-995A-A1Q

8~16 VAC/12VDC, Fail-Secure

Accessory

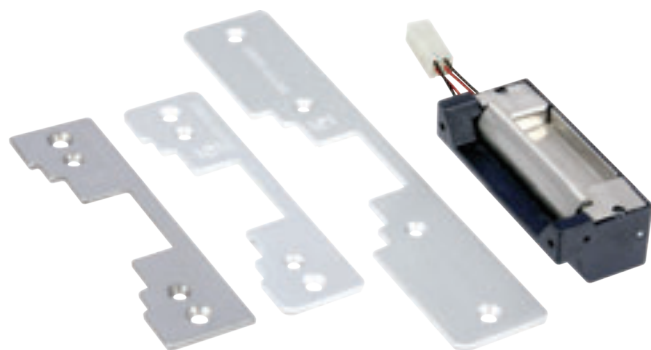
SD-995RE-21Q

Optional Faceplate, Stainless Steel
 $7\frac{15}{16}$ "x $1\frac{1}{4}$ "x $\frac{1}{8}$ " (202x32x3.2 mm)

Specifications

Current draw	16VAC	800mA
	12VDC	750mA
Operating temperature	14°~113° F (-10°~45° C)	
Weight	10.3-oz (292g)	
Max. Latch throw	$\frac{5}{8}$ " (16mm)	
Strike depth	$1\frac{1}{2}$ " overall (38mm)	
Adjustable keeper	Max. $\frac{1}{4}$ " (6mm)	
ANSI Faceplate dimensions	$4\frac{7}{8}$ "x $1\frac{1}{4}$ "x $\frac{1}{8}$ " (124x32x3.2 mm)	
Optional ANSI Faceplate dimensions	$7\frac{15}{16}$ "x $1\frac{1}{4}$ "x $\frac{1}{8}$ " (202x32x3.2 mm)	

Universal Door Strike



Model Number

SD-996C-NUQ

Fail-safe/fail-secure, 12 or 24 VDC

Specifications

Operating voltage	12 or 24 VDC $\pm 15\%$	
Current draw	12VDC	280mA
	24VDC	140mA
Operating temperature	0°~120°F (-18°~49° C)	
Operating humidity	85% $\pm 15\%$	

Features

- Includes three faceplates for nearly any kind of door
- Listed under UL 1034 Burglary
- Convert cylindrical lock sets into electronic access control systems
- Use on virtually any cylindrical door locking system
- Holding – 2,000-lb (908kg)
- Powered by a solenoid
- Stainless steel lip for added strength and longer life
- Low profile – strike has a depth of only 1¼" for use with hollow aluminum frames
- Reversible non-handed design
- Easily connects to an optional keypad
- Trim plate Included
- Faceplate dimensions:
 - Aluminum: 4⅞"x1¼" (124x32 mm)
 - Hollow metal: 4⅞"x1¼" (124x32 mm)
 - Wood: 7⅞"x1⅞" (202x37 mm)

Electric Door Strike (Vertical Adjustment)



Model Numbers

SD-996C-NUVQ

12/24 VAC/VDC

Fail-Safe/Fail-Secure

NEW

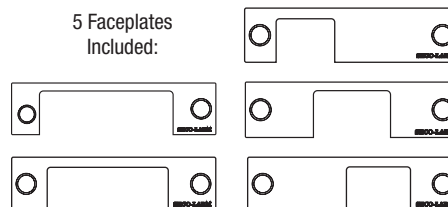
Specifications

Model	SD-996C-NUVQ
Current draw	300mA@12VDC 150mA@24VDC
Operating temperature	14°F~113°F (-10°~45° C)
Operating humidity	0~85%
Static strength	1,000-lb (454kg)
Latch throw	1" (25mm) max with ⅛" (3mm) door gap
Dimensions	1⅜"x1⅝"x3⅝" (47x42x84 mm)
Weight	1-lb 5.8-oz (618g)

Features

- Vertical adjustable deadbolt opening, sliding shim keeper, and deadlatch ramp accommodates a wide range of locks
- Accommodates deadbolts up to 1"
- Powered by a solenoid
- Reversible non-handed design fits either right-hand or left-handed doors
- Convert cylindrical lock sets into electronic access control systems
- Use on virtually any cylindrical door locking system
- Includes trim plate to hide gaps in installation
- Tested to 250,000 cycles (UL tested)

5 Faceplates Included:



No-Cut Electric Door Strike



Model Number

SD-993C-D3Q
Fail-safe/Fail-secure, 12/24 VDC

NEW

Specifications

Operating voltage	12/24 VDC	
Current draw	12VDC	300mA
	24VDC	150mA
Latch throw	9/16" (15mm)	
Keeper width	17/16" (36mm)	
Static strength	1,500-lb (680kg)	
Dynamic strength	70 ft-lbs (9.68 m-kgs)	
Endurance	100,000 cycles (UL Tested), 1,000,000 cycles (Factory Tested)	
Operating temperature	32°~120°F (0°~49° C)	
Operating humidity	0~85% ±15%	

Features

- Horizontally adjustable keeper accommodates latchbolt positioning
- Vertically adjustable ramp accommodates nib positioning
- Low profile: Strike is only 1 1/16" deep for use with aluminum frames
- Mounting tabs included for mounting to hollow aluminum & metal doors
- For Indoor Use Only
- Reversible non-handed design fits either right-hand or left-hand doors
- The SD-993C-D3Q is intended to be used with UL Listed Exit Hardware
- The SD-993C-D3Q shall not impair the intended operation of an emergency exit
- The SD-993C-D3Q shall not impair the operation of panic hardware mounted on the door

Mini No-Cut Electric Door Strike



SD-991A-D1Q with no-cut strike plate



SD-991RA-61Q/S low-cut strike plate

Model Number

SD-991A-D1Q
Fail-secure, 12VDC

NEW

Specifications

Operation	Fail-secure	
Operating voltage	12VDC	
Current draw	280mA@12VDC	
Holding force	1,000-lb (454kg)	
Endurance	250,000 cycles (Factory Tested)	
Latch throw	1/2" (13mm)	
Keeper width	SD-991SS-01Q	1 1/8" (28mm)
	SD-991RA-01Q/S or B	1 3/16" (30mm)
Operating humidity	0~85%	
Operating temperature	14°~120° F (-10°~49° C)	

Features

- Includes no-cut and low-cut strike plates
- Can be used with almost any cylindrical door locking system
- Converts cylindrical lock sets into an electronic access-controlled system
- 2-wire installation, non-polarized connection
- Stainless steel keeper for strength and long life
- Suitable for office-type applications
- For indoor use only
- Compatible with keypads, pushbutton switches and other entry devices
- Reversible non-handed design fits either right-hand or left-hand doors
- Shallow design for use with most metal doors
- Powered by a solenoid, not a buzzer coil
- Optional bronze low-cut strike plate (SD-991RA-61Q/B) available:
 - Fits most metal or wood doors with minimum cutting of door frame beyond the hole for the strike

Additional Strike Plate

SD-991RA-61Q/B
Bronze low-cut strike plate



Surface-Mount Electric Rim Strike



Model Number

SD-998C-NUQ

*Fail-safe/ Fail-secure,
12 or 24 VDC*

NEW

Specifications

Operating voltage	12/24 VDC	
Current draw	12VDC	540mA
	24VDC	270mA
Operating temp.	14°~113° F (-10°~45° C)	
Operating humidity	0~95%	
Lock mode	Fail-safe/Fail-secure	
Static strength	1,500-lb (680kg)	
Dynamic strength	70 ft-lbs	
Dimensions	8"x1 ³ / ₄ "x3 ³ / ₄ " (203x45x19mm)	

Features

- Non-polarized connection
- 3/4" (19mm) thick metal housing
- Accommodates up to 3/4" Pullman latch
- Dynamic strength 70 ft-lbs.
- Field-programmable for fail-safe or fail-secure operation
- For ANSI standard fire doors
- Horizontal adjustment
- Metal construction
- Metal or wood frames installation
- Rated for 250,000 cycles (Factory test for 1,000,000 cycles)
- Works with standard rim-type exit devices including SECO-LARM, SD-962AR-36A, SD-962AR-36G, and SD-962AR-36M
- See page 36 for more information on **SECO-LARM®** Rim Exit Bars
- Five-year limited warranty

Weatherproof Door/Gate Strike



Model Number

SD-995A-D3Q

Fail-secure, 12 VAC/VDC

NEW

Features

- Weatherproof (IP42)
- For use in wood jambs or metal gate posts
- One piece cast body
- Compatible with most locksets
- Low current
- Extra wide keeper 1⁵/₈"

Specifications

Operating voltage	12 VAC/VDC
Current draw	310mA@12VDC
Operating temp.	14°~113° F (-10°~45° C)
Operating humidity	0~95%
Lock Mode	Fail-secure
Dimensions	3 ¹ / ₂ "x1 ⁷ / ₁₆ "x2 ⁵ / ₈ " (89x35x67 mm)

Door Strike Accessories



SD-995JA-11Q*

Frame preparation jig



SD-995C-LE25*

Lip extender, 1" (25mm)



SD-995C-LE50*

Lip extender, 2" (50mm)



SH-506Q

*93dB Buzzer,
3~28 VDC*

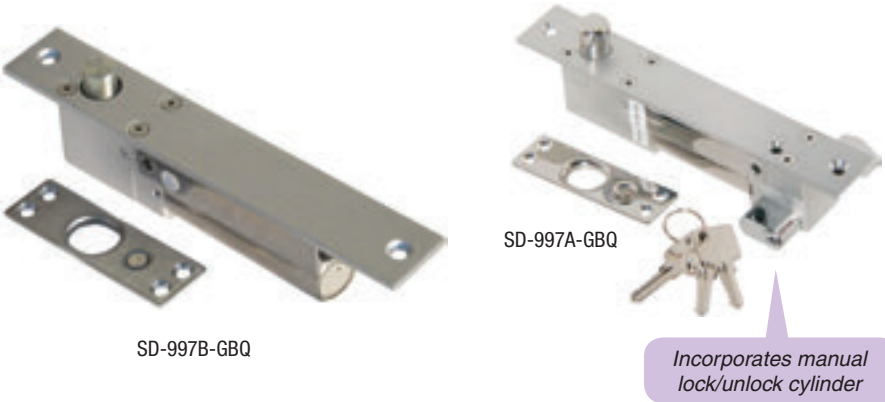


SA-026Q

Mini timer

* Compatible with SD-994C and SD-995C series, and SD-996C-NUQ door strikes

Electric Deadbolts



Features

- Adds concealed deadbolt security to most wood or hollow metal doors, with the convenience of electrical operation
- Stainless steel bolt, $\frac{5}{8}$ " (16mm) diameter and $\frac{5}{8}$ " (16mm) throw
- Magnetic switch senses door position for positive locking
- Attempts to relock multiple times if the door is not closed properly
- Door open/close monitor (NO/NC/COM)
- Solenoid shuts off if door is not closed properly
- Adjustable door lock delay timer
- Easily connects with an optional keypad

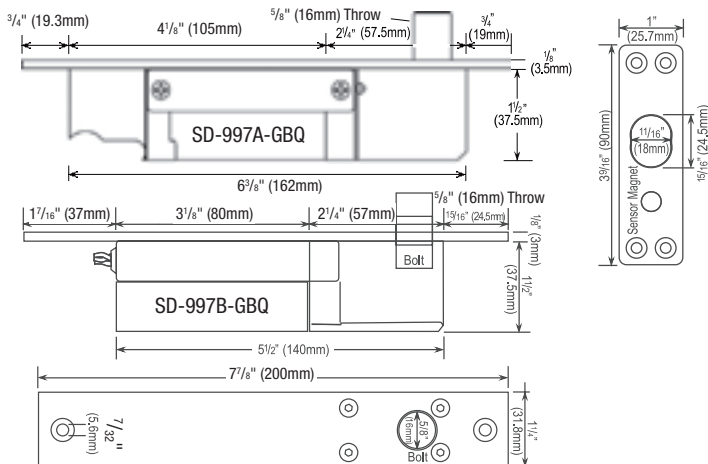
SD-997A-GBQ Only:

- Incorporates manual lock/unlock cylinder to operate lock if power is lost, (turn lock knob from inside protected premises and/or use key from outside protected premises)

Specifications

Model	SD-997A-GBQ	SD-997B-GBQ
Operation	Fail-secure	Fail-safe
Operating voltage	12/24 VDC	
Current draw	12VDC	880mA
	24VDC	470mA
Manual lock/unlock	Yes	No
Relay rating	SPDT, 250mA@12VDC (NO/NC/COM)	
Adjustable delay timer	0/3/5/9 seconds	0/2.5/5/9 seconds
Weight	2-lb 5-oz (1 kg)	1-lb 13-oz (0.8kg)

Dimensions



Model Numbers

SD-997B-GBQ
Fail-safe, 12/24 VDC

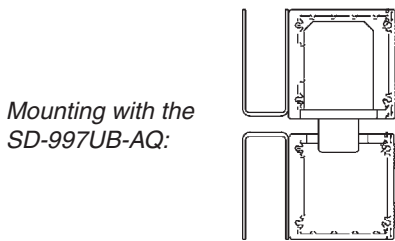
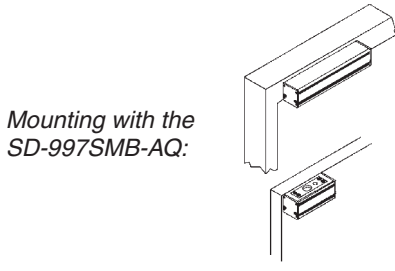
SD-997A-GBQ
Fail-secure, 12/24VDC,
with manual lock/unlock

Accessories

SD-997SMB-AQ
Surface mount
bracket kit for
SD-997B-GBQ

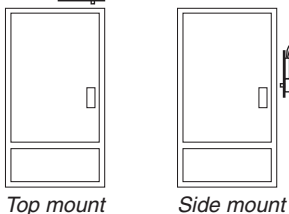
SD-997UB-AQ*
U-Bracket for
glass doors for
SD-997-GBQ
*Must use with SD-997SMB-AQ.

Accessory Mounting Diagrams

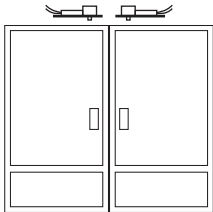


Applications

For single doors



For double doors



Mini Electric Deadbolt (Surface Mount)



Model Number

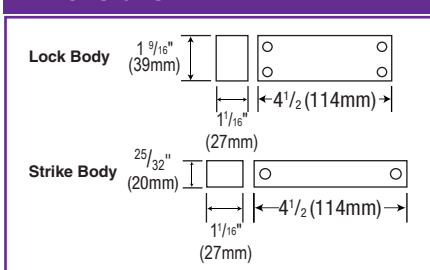
SD-997B-1SQ

12VDC, Fail-safe operation

Specifications

Operation	Fail-safe	
Operating voltage	12VDC	
Current draw	Standby	237mA@12VDC max.
	Active	650mA@12VDC max.
Status sensor	250mA@30VDC (NC/COM)	
Adjustable lock delay timer	0/3 seconds (default)	
Operating Temperature	32°~158° F (0°~70° C)	
Weight	1-lb 2.5-oz (450g)	

Dimensions



Features

- Adds deadbolt security to smaller doors and cabinets, with the convenience of electrical operation
- Surface-mount design for easy installation
- Aluminum-alloy bolt, $1\frac{5}{32}$ " (13mm) diameter and $\frac{9}{16}$ " (14mm) throw
- Easily connects with an optional keypad
- Magnetic switch senses door position for positive locking
- Automatically relocks after 6 seconds if the lock was unlocked but the door was not opened
- Door open/close monitor (NC/COM) and adjustable door lock delay timer (0/3 seconds)

Electric Deadbolt Cabinet Lock



Model Number

SD-997C-GCQ

12/24 VDC, Fail-safe/Fail-secure

Specifications

Operating voltage	12/24 VDC	
Current draw	12VDC	300mA
	24VDC	150mA
Contact Switch	NO/NC	
Lock status	Micro-switch	
Lock status rating	1A@30VDC	
Door status	Reed switch	
Dimensions	$3\frac{1}{4}$ "x $1\frac{3}{16}$ "x $1\frac{1}{8}$ " (82x30x28 mm)	

Features

- Electronically secure lockers, cabinets, cases, and drawers
- Lock status sensor allows for monitoring whether doors are locked
- Selectable fail-safe/fail-secure operation
- Operating voltage: 12/24 VDC
- Current draw: 300mA@12VDC, 150mA@24VDC
- NO/NC Rated contacts
- Mounting hardware included

Access Control Power Supplies



EAP-3D8SQ



EAP-5D5Q



EAP-7D4SQ

Features

- AC Power failure supervision relay
- Battery failure/low battery supervision
- Auxiliary output relay
- Relays rated 3A@24VDC, 3A@120VAC
- Adjustable voltage range to compensate for voltage drop
- Built-in backup battery charger
- Selectable 2.2kΩ End-of-Line (EOL) resistor for AC failure and battery failure supervision relays via DIP switch
- LED Status indicator for AC input, DC output and channel outputs
- Selectable delay timer (5 seconds, 5 minutes, 5 hours) for AC failure supervision relay via DIP switch

Power:

- Field selectable for 12VDC or 24VDC
- Operating input voltage 110~240 VAC
- Adjustable voltage range (11~15 VDC, 23~28 VDC)
- 3A@12VDC / 3A@24VDC supply current

- AC Input fuse rating 3.15 A (glass fuse)
- DC Output overload sensing with red LED indicator and automatic shutdown during short circuit

EAP-5D1Q, EAP-5D4SQ, EAP-5D5Q, EAP-5D8SQ Only:

- 5A@12VDC / 2.5A@24VDC supply current

EAP-7D1Q, EAP-7D4SQ, EAP-7D8SQ Only:

- 7A@12VDC / 3.5A@24VDC supply current

Enclosure:

- Heavy-duty steel case
- Removable steel cover for easy access
- Enclosure has room for two 7AH batteries
- 6ft Power cord and battery leads included
- Dimensions: 12½"x12¼"x3⅞"

Model Numbers

EAP-3D1Q

3 Amps, 1 output

NEW

EAP-3D4SQ

3 Amps, 4 outputs, power controller

NEW

EAP-3D8SQ

3 Amps, 8 outputs, power controller

NEW

EAP-5D1Q

5 Amps 1 output

EAP-5D4SQ

5 Amps, 4 outputs, power controller

NEW

EAP-5D5Q

5 Amps, 5 outputs

EAP-5D8SQ

5 Amps, 8 outputs, power controller

NEW

EAP-7D1Q

7 Amps, 1 output

NEW

EAP-7D4SQ

7 Amps, 4 outputs, power controller

NEW

EAP-7D8SQ

7 Amps, 8 outputs, power controller

NEW

Specifications

Input Voltage	110~240 VAC
Output Voltage	12 or 24 VDC selectable via DIP switch
Adjustable Output Voltage Range	11~15 @ 12VDC setting, via VR switch 23~28 @ 24VDC setting, via VR switch
Supply Current	5A@12VDC / 2.5A@24VDC
AC Input Fuse Rating	3.15A (glass fuse)
LED Status Indicator	AC input (Green), DC Output (Red)
End-of-Line Resistor (EOL)	Selectable ON (2.2KΩ) or OFF via DIP switch
AC-Fail Relay Delay Timer	Selectable @ 5sec, 5min or 5hr via DIP switch
Supervision Relays	Contact Rating: 3A@24VDC Dry Relay Output

Accessories

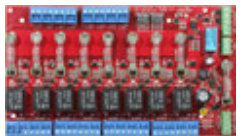
PD-4GTQ

4-Channel power distribution board (see page 23)

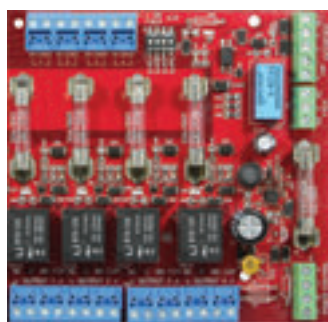


PD-8GTQ

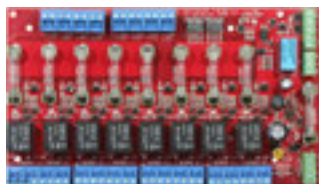
8-Channel power distribution board (see page 23)



Power Distribution Boards



PD-4GTQ



PD-8GTQ

Features

- Multiple access control trigger inputs
- Multiple independently controlled fused outputs
- Multiple 5A Form C relay outputs
- Fail-safe and/or fail-secure power outputs
- Multiple auxiliary outputs (unswitched)

Model Number

PD-4GTQ
4-Channel controller board
12~24 VAC/VDC

PD-8GTQ
8-Channel controller board
12~24 VAC/VDC

PD-5PAQ
5-Output power distribution board

NEW

NEW

Electro-Mechanical RIM Lock



Model Number

SD-211-BD1Q
Surface-mount

Features

- Easy to install on existing gates
- Fully mechanical, can be unlocked if power is lost
- Available for left and right handed gates
- Compatible with access control devices
- 12VDC, Fail-secure operation with mechanical override

NEW

Electro-Mechanical Bolt Lock



Model Number

SD-221-NE1Q
Surface-mount

Features

- SD-221-NE1Q Only:**
Same as SD-211-BD1Q plus:
- Quiet operation, no need to slam gate shut
 - Door sensor with auto lock
 - Weatherproof design

NEW

Electro-Mechanical Bolt Latch



Model Number

SD-231-NEUQ
Surface-mount

Features

- SD-231-NEUQ Only:**
Same as SD-211-BD1Q plus:
- Quiet operation, no need to slam gate shut
 - 12/24 VAC/VDC, Fail-secure operation with mechanical override

NEW

Indoor Access Control Keypad



Model Number

SK-1011-SDQ
1,000 Users, 1 relay output

Specifications

Operating voltage	12~24 VAC/VDC	
Current draw (12VDC)	Standby	15mA
	Total max current draw	90mA
Outputs	Form C	1A@30VDC
	Tamper	50mA@24VDC
Inputs	Egress	N.O. Ground
Operating temperature	-4°~158° F (-20°~70° C)	
Dimensions (including back box)	4 ⁵ / ₈ "x2 ⁷ / ₈ "x1 ¹ / ₂ " (117x73x38 mm)	
Weight	6-oz (170g)	

Features

- Output – Form C relay, 1,000 users
- Super user code gives admin access
- All features are programmed directly from the keypad: No need for an external programmer
- Indoor keypad
- Up to 50 possible temporary visitor codes, which can be programmed for one-time or limited-time use (1~99 hours)
- Programmable output time (Up to 99,999 seconds)
- Auto-disable access at specific times
- Programmable egress input with optional warning alarm and delayed egress
- Mounts to a standard single-gang back box (surface-mount back box included)

Indoor Access Control Keypad



Model Number

SK-1131-SPQ
1,200 Users, 3 relay outputs, built-in proximity card reader

Specifications

Operating voltage	12~24 VAC/VDC	
Current draw (12VDC)	Standby	66mA
	Total max current draw	160mA
Outputs	#1 - Form C	1A@30VDC
	#2 - Form C	1A@30VDC
	#3 - Transistor ground	100mA@24VDC
	Tamper	50mA@24VDC
Inputs	Egress	N.O. Ground
	Door sensor	N.C. Ground
	Door inhibit	N.O. Ground
Proximity reader frequency	125kHz (EM125)	
Proximity reader sensing distance	1 ¹ / ₂ " (38mm)	
Operating temperature	-4°~158° F (-20°~70° C)	
Dimensions (including back box)	4 ⁵ / ₈ "x2 ⁷ / ₈ "x1 ¹ / ₂ " (117x73x38 mm)	
Weight	6-oz (170g)	

Features

- 4 Available programmable access modes for all 3 outputs: card only, code only, card and common user code, card and unique user code
- Three relay outputs (two Form C relay, and one Transistor ground), 1,200 users
- Programmable output time (Up to 99,999 seconds)
- Super user code gives admin access
- Up to 50 possible temporary visitor codes, which can be programmed for one-time or limited-time use (1~99 hours)
- Auto-disable access at specific times
- Programmable egress input with optional warning alarm and delayed egress
- Duress code signals a silent alarm if an authorized user is forced to open the door
- Mounts to a standard single-gang back box (surface-mount back box included)
- Illuminated keypad with programmable status LEDs
- Door sensor input for anti-tailgating operation
- Door-propped-open warning
- Door-forced-open warning
- Door open warning and alarm

Split Series Keypad (w/ Proximity Reader)



Model Number

SK-4131-SPSQ

Split series keypad with built-in proximity card reader

NEW

Specifications

Operating voltage		12~24 VDC
Proximity reader frequency		125kHz (EM125)
Proximity reader sensing distance		1/2" (38mm)
Operating temperature		-4~158° F (-20~70° C)
Dimensions	Keypad	4 ⁵ / ₈ "x2 ⁷ / ₈ "x1 1/2" (117x73x38 mm)
	Controller	3 ⁷ / ₁₆ "x4 ³ / ₄ "x1 1/4" (87x120x32 mm)

Accessories

PR-K1S1-A

*Proximity Cards (EM125)
(Sold in packs of 10)*



PR-K1K1-AQ

*Proximity Keyfob (EM125)
(Sold in packs of 10)*



Features

- Split-Series keypad - keypad and control board are separated for high security applications
 - Only Power and data I/O are sent from keypad to control board - no way to manually activate relay from keypad without a valid access code
- 1,200 Users over 3 Outputs
- Built-in Door chime
- Programmable egress input
- 4 available programmable access modes for all outputs: card only, code only, card and common user code, card and unique user code
- Up to 50 possible temporary visitor codes
- Programmable lock out/duress output after 5-10 failed key-in attempts
- Real-time clock
- Alarm outputs for tamper, door-forced-open, and door propped open

Outdoor Access Keypads



SK-1123-FDQ



Illuminated keys for easy anytime use



SK-1123-SDAQ

Model Number

SK-1123-FDQ

Flush-mount, 1,000 Users

NEW

SK-1123-SDAQ

Surface-mount, 1,000 Users

NEW

Specifications

Operating voltage		12~24 VAC/VDC
Current draw	Standby	15mA
	Key pressed	40mA
	Relay active	Output 1: 65mA Output 1&2: 66mA
Outputs	#1 - Form C	1A@30VDC
	#2 - Transistor Ground	100mA@24VDC
	Timer	Active for up to 99,999 seconds (nearly 28 hours)
Egress		N.O. Ground
Door sensor input		N.C. Ground
Dimensions		4 ³ / ₄ "x3 ¹ / ₈ "x1 ¹³ / ₁₆ " (125x79x52 mm)
IP Rating		IP66
Weight		16-oz (460g)

Features

- 1,100 Users over 2 Outputs - codes may be 4~8 digits
- Super user code gives admin access
- Up to 50 (01~50) possible temporary visitor codes, which can be programmed for one-time or limited-time use (1~99 hours)
- Programmable egress input with optional warning alarm and delayed egress
- Auto-disable access at specific times
- Up to 50 (01~50) duress codes for output #1 and 10 (01~10) for output #2
- Duress code signals a silent alarm if an authorized user is forced to open the door
- Programmed directly from the keypad
- Mounts to a standard single-gang back box (surface-mount back box included)
- Durable stainless steel faceplate
- Keypad illuminates when a button is pressed; backlight can be programmed for FULL, AUTO, or OFF in standby mode
- Mantrap: for a protected area with two doors, this feature allows only one door to be open at a time
- Door sensor input for anti-tailgating operation
- Door-propped-open warning
- EEPROM Memory protects programmed information in case of power loss

Sealed-Housing Outdoor Keypads



SK-1323-SPQ



SK-1323-SDQ

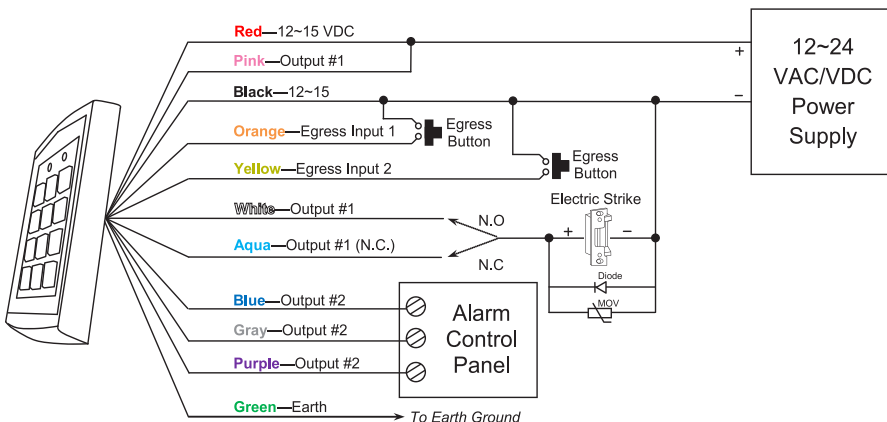
Features

- 1,010 Users (Output #1: 1,000 users, Output #2: 10 users)
- 2 Form C relay outputs, each rated 1A@30VDC
- All features are programmed directly from the keypad—no need for an external programmer
- EEPROM memory prevents data loss
- Optical tamper sensor for added security
- Circuitry is potted with epoxy for outdoor use
- IP65 Weatherproof, rugged aluminum construction
- Status LEDs show when a relay is active
- Each relay has programmable output time from 1~99 seconds or toggle
- Output #2 can be programmed for use with a doorbell
- 2 Egress inputs; 1 door sensor input
- Backlit keys for easy nighttime use

SK-1323-SPQ Only

- Built-in 125kHz proximity reader
- 3 Programmable access modes for Output #1: Card Only, Card or Code, and Card with Code
- Output #2 may have either a card or a code programmed for each user

Wiring Diagram



Model Numbers

SK-1323-SDQ

Standard keypad

SK-1323-SPQ

Standard keypad with built-in proximity card reader

Accessories

PR-K1S1-A

Proximity Cards (EM125)
(Sold in packs of 10)



PR-K1K1-AQ

Proximity Keyfob (EM125)
(Sold in packs of 10)

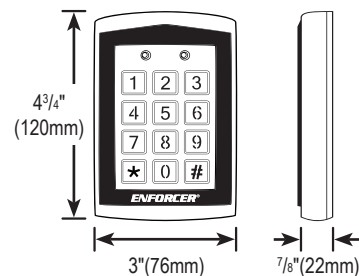


Specifications

Operating voltage		12~24 VAC/VDC
Current draw	Standby	64mA@12VDC
	Active	120mA@12VDC (Max)
Relay outputs		1A@30VDC Form C NO/NC/COM
Egress inputs	Input #1	N.O. Ground
	Input #2	N.O. Ground
Door sensor input		N.C. Ground
Tamper sensor		Optical
Operating temperature		-4°~122° F (-20°~50° C)
Keypad LED life		60,000 hours (over 6.8 years)
Weight		1-lb 2-oz (510g)
Dimensions		4¾"x3"x7/8" (120x76x22 mm)

Dimensions

SK-1323-SPQ:



Mullion-Style Outdoor Keypads



SK-2323-SDQ &
SK-2323-SPQ



SK-2323-SPAQ

Model Numbers

SK-2323-SDQ

Mullion-style keypad

SK-2323-SPQ

Mullion-style keypad with built-in proximity card reader

SK-2323-SPAQ

Mullion-style piezoelectric keypad with built-in proximity card reader

Accessories

PR-K1S1-A

Proximity Cards (EM125)
(Sold in packs of 10)



PR-K1K1-AQ

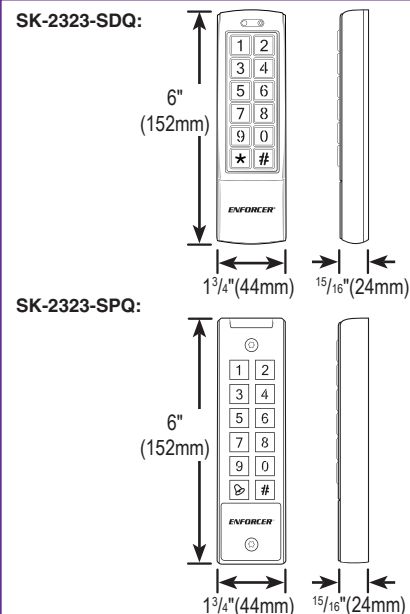
Proximity Keyfob (EM125)
(Sold in packs of 10)



Specifications

Operating voltage		12~24 VAC/VDC
Current draw	Standby	64mA@12VDC
	Active	120mA@12VDC (Max)
Relay outputs		1A@30VDC Form C NO/NC/COM
Egress inputs	Input #1	N.O. ground
	Input #2	N.O. ground
Door sensor input		N.C. ground
Tamper sensor		Optical
Operating temperature		-4°~122° F (-20°~50° C)
Keypad LED life		60,000 hours (over 6.8 years)

Dimensions



Features

- 1,010 Users (Output #1: 1,000 users, Output #2: 10 users)
- 2 Form C relay outputs, each rated 1A@30VDC
- Each relay has programmable output time from 1~99 seconds or toggle
- Output #2 can be programmed for use with a doorbell
- 2 Egress inputs; 1 door sensor input
- Backlit keys for easy nighttime use
- Status LEDs show when a relay is active
- All features are programmed directly from the keypad—no need for an external programmer
- EEPROM memory prevents data loss
- IP65 Weatherproof, rugged aluminum construction
- Optical tamper sensor for added security
- Circuitry is potted with epoxy for outdoor use

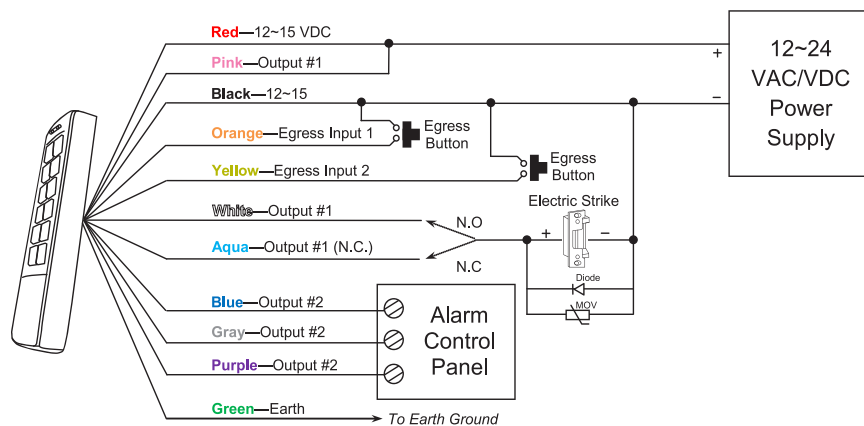
SK-2323-SPQ Only

- Built-in 125kHz proximity reader
- 3 Programmable access modes for Output #1: Card Only, Card or Code, and Card with Code
- Output #2 may have either a card or a code programmed for each user
- Dimensions:
 - 6"x1 3/4"x1 5/16" (152x44x24 mm)

SK-2323-SPAQ Only

- Similar to SK-2323-SPQ, but with the following additional features:
 - Piezoelectric touch keys
 - Lower profile: 3/8" (10mm)
 - No moving parts allow for heavy use

Wiring Diagram



Heavy-Duty Outdoor Keypad



Features

- Rugged construction: Heavy-duty stainless steel faceplate with a coated steel backing
- Up to 210 user codes
- Code flexibility: Codes can be four or five digits long
- Dual voltage: 12/24 VAC/VDC Operation
- Two Form C relays rated 12A@14VDC
- Door sensing input allows for anti-tailgating operation
- Overhead LEDs and programmable backlit keys for easy use in the dark
- Each relay output can be set from 1~99 seconds or toggle
- Wrong code lockout: After three wrong codes are entered, the keypad will go into lockdown for 55 seconds
- Tamper switch: N.C. dry contact, 3A@125/250 VAC
- Egress / push button input

Specifications

Model	SK-3523-SDQ
Operating voltage	12/24 VAC/VDC
Current draw	220mA@12VDC / 110mA@24VDC
Relay outputs (each output)	12A@14VDC / 7A@120VDC
Tamper switch	3A@125/250 VAC
Egress (P.B.) input	N.O. Ground
Reed input	N.C. Ground
Operating temperature	-4°~158° F (-20°~70° C)
Dimensions	6 ¹ / ₁₆ "x5 ¹ / ₁₆ "x4 ³ / ₈ " (167x128x112 mm)

Programmable Timers



SA-027HQ
Annual timer



SA-027WQ
7-Day timer



SA-026Q
Mini timer



SA-025Q
Multi-purpose timer

For more information on programmable timers, please see page 48, 49, 101.

Model Numbers

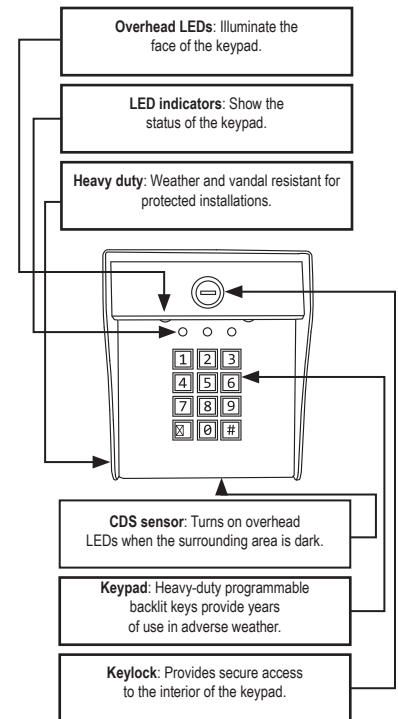
SK-3523-SDQ

Outdoor keypad

SK-3523-KEY

Extra keys for faceplate lock

Overview



Hinged Faceplate



Hinged faceplate allows for easy access

Outdoor Access Control Keypads



SK-1123-SPQ



SK-1123-SDQ

Model Numbers

SK-1123-SPQ

Prox. Card Reader, 1,100 Users

SK-1123-SDQ

1,100 Users

Accessories

PR-K1S1-A

Proximity Cards (EM125)
(Sold in packs of 10)



PR-K1K1-AQ

Proximity Keyfob (EM125)
(Sold in packs of 10)



Features

- Built-in proximity reader. 125kHz (EM125)*
- 12~24 VAC/VDC Auto-adjusting operation
- Up to 1,000 possible user codes (000~999) and/or proximity cards* programmable for output #1, 100 (001~100) for output #2
- Up to 50 (01~50) possible temporary visitor codes, which can be programmed for one-time or limited-time use (1~99 hours)
- Keypad illuminates when a button is pressed; backlight can be programmed for FULL, AUTO, or OFF in standby mode
*SK-1123-SPQ ONLY
- Output #1: Form C relay, 1A@30VDC max.
- Output #2: Form C relay, 1A@30VDC max.
- Outputs #1, #2 can be programmed to activate for up to 99,999 seconds (nearly 28 hours)
- Surface-mount back box included
- Duress code signals a silent alarm if an authorized user is forced to open the door under duress
- Egress input lets users exit the premises without keying in the code
- Interlocking input for connecting to a second keypad
- All features are programmed directly from the keypad: No need for an external programmer
- Tamper output: N.C. Dry contact, 50mA@24VDC max.
- IP66 Weatherproof Rating
- EEPROM Memory protects programmed information in case of power loss
- Up to 50 (01~50) duress codes for output #1, 10 (01~10) for output #2
- Door sensor input for anti-tailgating operation

Specifications

Model	SK-1123-SPQ	SK-1123-SDQ
Operating voltage	12~24 VAC/VDC	
Current draw (at 12VDC)	Standby	66mA
	Total max current	160mA
Outputs	#1 – Form C	1A@30VDC
	#2 – Form C	1A@30VDC
	Key Active	100mA@24VDC
	Duress	100mA@24VDC
	Interlock	100mA@24VDC
	Tamper	50mA@24VDC
Inputs	Egress	N.O. Ground
	Door sensor	N.C. Ground
	Door inhibit	N.O. Ground
Proximity reader frequency	125kHz (EM125)	N/A
Proximity reader sensing distance	1 1/2" (38mm)	N/A
Operating temperature	-4° ~ 158° F (-20° ~ 70° C)	
Weight	1-lb 2-oz (520g)	
Dimensions (including back box)	4 15/16" x 3 1/8" x 2 1/16" (125x79x52 mm)	



Fingerprint Reader Keypad



Features

- 500DPI Optical fingerprint reader
- All programing done through the keypad
- Tri-color LED provides status information
- Timed (1-99 seconds) or Toggle mode output
- Verification Method: Fingerprint or PIN
- Fingerprint identification time: <1 second
- Fingerprint false rejection rate: 0.01%
- Fingerprint false acceptance rate: 0.0001%
- User capacity: 1,000 users (500 fingerprint user and 500 PIN users)
- PIN length: 4~6 digits
- Illuminated fingerprint reader window
- Access control interface for 3rd party electric lock, exit button, alarm, door bell
- Dimensions: 2⁵/₈"x5⁷/₈"x1⁵/₁₆" (66x150x24 mm)

Model Number

SK-2611-SFSQ

Fingerprint Reader and Keypad

NEW

Specifications

User Capacity	1000 (500 fingerprints, 500 PIN)
Pin Length	4~6
Operating Voltage	12VDC
Current draw Idle	40mA
Current draw Active	100mA
Fingerprint Reader Type	Optical
Fingerprint Resolution	500DPI
Response time	<1S
Relay	One Form "C" (NO, NC, Common)
Output Time	1-99 Seconds (5 seconds default) or Toggle
Lock Output Load	2A
Alarm Output Load	2.5A
Environment	Indoor
Operating Temperature	-4°~122° (-20°C~50°C)

RF Wireless Keypad



Features

- Range up to 100ft (30m)
- 433.92MHz Wireless frequency
- Anti-tamper output
- Dual-color LED status indicator
- Code length of 4~8 digits
- Rugged weather-resistant (IP66) keypad housing
- Transmitter is battery operated with up to 2 years of battery life
- Includes RF receiver with relay output

Model Number

SK-5611-SPQ

1,000 Users

NEW

Features

Pin length		4~8
Operating voltage	Transmitter	4.5VDC
	Receiver	12~30 VAC/VDC
Current	Transmitter	Standby - 10uA
		Active - 1~25mA
	Receiver	Standby - 22mA@12VDC
		Active - 65mA@12VDC with buzzer
Output tamper		Form C, 2A@28V, transmitter buzzer output, receiver buzzer and transistor ground output

Outdoor Proximity Card Reader



Model Number

PR-112S-A

Up to 100 users, outdoor use

Accessories

PR-K1S1-A

Proximity Cards (EM125)
(Sold in packs of 10)



PR-K1K1-AQ

Proximity Keyfob (EM125)
(Sold in packs of 10)



Specifications

Power input	12VDC
Current draw	Standby: 80mA@12VDC Active: 200mA@12VDC
Max. read distance	6" (15cm)
User card limit	100 cards
Master card limit	5 cards
Transmit frequency	125kHz
Outputs	1 relay (NO/NC/COM)
Contact rating	1A@30V
Relay time delay	1~180 secs/ Toggle mode
Temperature	-4°~158° F (-20°~70° C)
Enclosure rating	IP67

Features

- 12VDC Operation, 200mA@12VDC
- Read range: 6" (15cm)
- Proximity frequency: 125kHz (EM125)
- Sealed and weatherproof (IP67)
- Tri-color wave-shaped LED status bar indicates proximity reader's mode and status:
 - Blue: On/Valid card indicator
 - Green: Programming mode
 - Red: Invalid card
- Output relay for either time (1 to 180 seconds) or toggle mode
- Egress input for easy exiting
- Buzzer for audible confirmation or silent mode (programmable)
- Up to 100 user cards can be programmed
- User cards easily deleted. Delete a single card, or all cards
- Up to 5 "Master" cards can be programmed
- 10 Cards included
- Dimensions: 3¾"x1¾"x1½" (95x44x17 mm)

Indoor Proximity Card Reader



Model Number

PR-312S-PQ

Up to 500 users, indoor use

Accessories

PR-K1S1-A

Proximity Cards (EM125)
(Sold in packs of 10)

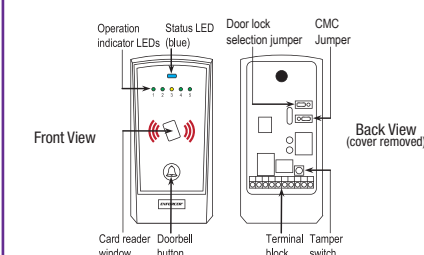


PR-K1K1-AQ

Proximity Keyfob (EM125)
(Sold in packs of 10)



Overview



Features

- 12VDC Operation, 80mA@12VDC
- Proximity frequency: 125kHz (EM125)
- Ten cards included
- Up to 500 users
- Up to five super-user cards and one master card
- Status LEDs for status and programming
- Auxiliary doorbell button rated 1A@24VDC
- Read distance of 6" (15cm)
- Tamper output rated 50mA@16VDC
- Selectable fail safe / fail secure via door lock jumper
- Output relay for timed (1~60 seconds) or toggle mode
- Dimensions 4¾"x2¾"x15/16" (120x60x23 mm)

Rim-Type Exit Devices



SD-962AR-36A

SD-962AR-36M

Features

SD-962AR-36A Only:

- Fits doors from 30"~48" (76~122 cm)
- Works with standard external door handle/lock devices such as the ENFORCER Lever Trim (not included)
- Allen-type ¼-turn dogging lock allows the exit bar to be unlocked for extended periods of time
- Heavy-duty steel construction
- Compatible with SD-998C-NUQ Surface-Mount Electric Rim Strike

SD-962AR-36M Only:

- Modern flat rim type
- Fits doors from 36"~48" (91~122 cm)
- Works with rim cylinder locks (not included)
- Sturdy aluminum construction
- Compatible with SD-998C-NUQ Surface-Mount Electric Rim Strike

Model Numbers

SD-962AR-36A

For doors 30"~48" (76~122 cm) wide, UL listed

SD-962AR-36M*

Modern flat design, for doors 36"~48" (91~122 cm) wide

Accessories

SD-962HL-4A

Entry-type lever trim for SD-962AR-36A and SD-962AR-36G

Features

- Non-handed
- SC4, 6-pin lock
- Entry type
- Key locks and unlocks
- Two keys included



SD-998C-NUQ

See page 18 for more



Grade 1 Rim-Type Exit Device



Features

- Heavy-duty ANSI Grade 1 steel
- Allows exit from inside while locked from outside
- Reversible, non-handed design
- Separate deadlocking latch prevents the use of credit cards or similar means to open the latch bolt
- Allen-type ¼-turn dogging lock allows the exit bar to be unlocked for extended periods of time
- Includes all hardware for typical installation
- Works with standard external door handle/lock devices (not included)
- For metal or wood doors up to 1¾" thick (44.5mm)
- UL Listed
- Fits door from 33"~48" (84~122 cm)
- Compatible with SD-998C-NUQ Surface-Mount Electric Rim Strike

*Not UL listed

Model Number

SD-962AR-36G

For doors 33"~48" (84~122 cm), UL listed

Accessories

SD-962HL-4A

Entry-type lever trim for SD-962AR-36A and SD-962AR-36G

Features:

- Non-handed
- SC4, 6-pin lock
- Entry type
- Key locks and unlocks
- Two keys included



SD-962H-6LB

Escutcheon lever trim for SD-962AR-36G

Features:

- Non-handed
- Includes high-security lock with two keys
- Actuating shaft telescopes to the proper length to fit almost any door size



Push-to-Exit Bar



Model Number

SD-961A-36
Push-to-Exit bar

Specifications

Circuit type	2 NO/NC Contacts
Contact rating	5A@125VAC
Door size	For 36" doors
Dimensions	34½" x 2¾" x 2⅜" (876x70x61 mm)
Weight	7-lb (3kg)

Features

- New end caps come off and go on in seconds.
- Designed to allow egress from inside an area normally locked by an electric lock or electromagnetic lock, and/or to disarm (shunt) or trigger an alarm when the door is opened.
- Pushing the bar at any point sends a signal to release the lock and/or sound an alarm.
- For 36 inch doors (actual length is 34.5 inches).
- Rugged, heavy-duty construction.
- Includes 2 built-in non-latching (momentary), dual-contact switches (NO/COM/NC), rated 5A@125VAC.
- Attractive brushed-aluminum bar with black base and trim.
- Includes SECO-LARM SD-969-A18 Armored Door Cord, and mounting hardware (for mounting in wood or metal doors).
- Designed for easy cutting in field to match width of non-standard-sized doors

Battery Testers



ST-BT02Q



ST-BT03Q

Model Numbers

ST-BT02Q
12VDC Tester

ST-BT03Q
12/24VDC Auto-Sensing Tester

Specifications

Model	ST-BT02Q	ST-BT03Q
Operating voltage	12 VDC	12/24 VDC (auto sensing)
Simulated load	For 12VDC	0.5A@12VDC or 1A@12VDC
	For 24VDC	N/A
		0.25A or 0.5A

Features

- Performs 6 essential tests in the field:
 - Continuity Testing
 - Voltage Testing
 - Load Testing
 - Polarity Testing
 - Voltage Drop Testing
 - PTC Fuse Testing
- Strength indication LEDs help test Load, Voltage, and PTC Fuses
- Selectable load
- Illuminated power connector
- Overheat indicator
- Alligator clips included

High-Speed Latching Continuity Tester



Model Number

ST-BL01Q

Features

- Three testing modes:
 - Real-time
 - Auto-reset
 - Latch mode
- Test N.O. and N.C. circuits
- Verify circuit continuity through beeper or visual indication
- Built-in LED light

Armored Door Cords (Removable Covers)



Features

- Designed to carry wiring to conduct power to electric locks or access systems mounted in doors
- Once mounted, to access simply remove cover. Door cord stays in place. No need to remove door cord from the door. Prevents stripping of the screws and mounting points
- Surface mount
- 15" (39cm) Stainless steel armored cable
- Security screws (included) to prevent tampering
- Available in bronze and silver finish
- Terminal blocks with pre-wired cables (8 connections) for quick, easy, and secure installation (SD-969-T15Q)

Model Numbers

SD-969-T15Q/S: Silver
Door cord with Terminal Blocks

SD-969-T15Q/B: Bronze
Door cord with Terminal Blocks

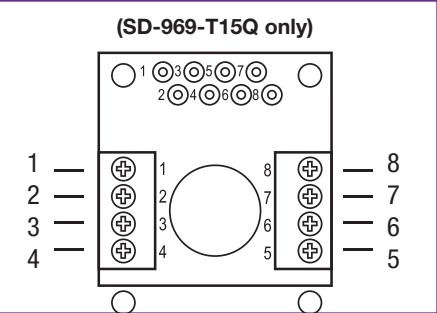
SD-969-M15Q/S: Silver
Door cord with Removable Cover

SD-969-M15Q/B: Bronze
Door cord with Removable Cover

Specifications

Model	SD-969-T15Q/S	SD-969-M15Q/S
	SD-969-T15Q/B	SD-969-M15Q/B
Cord Length	15" (39cm)	
Terminal Block	Yes	No
Pre-wired	Yes	No
Maximum Current	3A@30VAC/VDC	N/A
Construction	Stainless steel armored	
Outside Dia.	5/16" (8mm)	
Inside Dia.	7/16" (11mm)	

Terminal Block Wiring Diagram



Armored Door Cords



Features

- Designed to carry wiring to conduct power to electric locks or access systems installed in doors
- Surface mount
- Stainless steel armored cable
- Mounting screws included

Model Numbers

SD-969-S18Q
Aluminum capped, 17"

SD-969-A18Q
Plastic capped, 16"

Specifications

Model	SD-969-S18	SD-969-A18
End cap	Aluminum	Plastic
Cord Length	17" (43cm)	16" (40cm)
Construction	Stainless steel armored	
Inside door cord diameter	5/16" (8mm)	
Outside door cord diameter	7/16" (11mm)	1/2" (13mm)

Surface-Type Door Closer w/ Back Check



Cover included

Features

- Heavy-duty Grade 1 door closer for commercial use
- Adjustable sweep speed, latching speed, and back check
- Non-handed installation
- ANSI 156.4 certification 2 million life cycles

Model Number

SD-C101-SBBQ

Up to 330-lb, ANSI size 1~6

NEW

- Cast iron body & forged steel arm
- Concealing plastic cover
- Adjustable spring force
- Max. Door Opening Angle Hinge Side: 130°
- Door width: 32"~60" (800~1500 mm)
- Door weight: 145~330-lb (65-150 kg)

Surface-Type Door Closer w/ Back Check



Cover included

Features

- Heavy-duty Grade 1 door closer for commercial use
- Adjustable sweep speed, latching speed, and back check
- Non-handed installation
- ANSI 156.4 certification 2 million life cycles

Model Number

SD-C101-SBAQ

Up to 330-lb, ANSI size 1~6

NEW

- Cast-aluminum body & forged steel arm
- Concealing plastic cover
- Adjustable spring force
- Max. Door Opening Angle Hinge Side: 180°
- Door width: 32"~60" (800~1500 mm)
- Door weight: 45~330-lb (20-150 kg)

Grade 1 Door Closer



Features

- Fits metal or wood doors up to 59" (150cm) wide
- Door weight up to 330-lb (150kg), adjustable for size 1~6
- Two independent valve adjustments for easy setting of sweep and latch speed

Model Number

SD-C101-SGQ

Up to 330-lb, ANSI size 1~6

NEW

- Grade 1 door closer
- Reversible, non-handed design
- Anodized aluminum body
- Silver finish
- Forged steel arms
- Includes mounting hardware

Door Closers



SD-C121-S



SD-C131-SQ

Features

- Reversible, non-handed design
- Two independent valve adjustments for easy setting of sweep and latch speed
- Anodized aluminum body
- Silver finish
- Forged steel arms
- Includes mounting hardware

Model Numbers

SD-C121-S

Up to 100-lb, ANSI size 2

SD-C131-SQ

Up to 140-lb, ANSI size 3

SD-C121-S Only:

- Fits metal or wood doors up to 42" (107cm) wide
- Door weight up to 100-lb (45kg), ANSI size 2

SD-C131-SQ Only:

- Fits metal or wood doors up to 36" (91cm) wide
- Door weight up to 140-lb (65kg), ANSI size 3

Request-to-Exit Plates



SD-7202GC-PEQ

Illuminated

SPDT

- 2" Square illuminated pushbutton
- Includes interchangeable messages in English, Spanish, and French
- Single-gang, stainless steel faceplate
- NO/NC Contacts rated 10A@125VAC



SD-7103GC-PEQ

Illuminated

DPST

- Illuminated green pushbutton
- Includes interchangeable messages in English, Spanish, and French
- Slimline, stainless steel faceplate
- NO/NC Contacts rated 5A@250VAC



SD-7202GC-PTQ

Illuminated

Timer

SPDT

Similar to SD-7202GC-PEQ but with:

- Built-in timer: 1~180 seconds
- Buzzer output for audible status



SD-7103GC-PTQ

Illuminated

Timer

SPDT

Similar to SD-7103GC-PEQ but with:

- Built-in timer: 1~180 seconds
- Buzzer output for audible status



SD-7223GW-LQ

Illuminated

SPDT

- 2" Square illuminated pushbutton
- Includes interchangeable messages in English, Spanish, and French
- Single-gang, white plastic faceplate
- NO/NC Contacts rated 10A@125VAC



SD-7217GWQ

SPDT

- No message screen printed on plate
- Green 1 1/2" pushbutton
- Single-gang white-plastic faceplate
- NO/NC Contact rated 5A@125VAC



SD-7201GCPE1Q

SPDT

SD-7201GFPE1Q

DPDT

- "EXIT" and "SALIDA"
- Green 1 1/2" pushbutton
- Single-gang, stainless steel faceplate
- NO/NC Contact rated 5A@125VAC



SD-7201GC-PEQ

SPDT

- "PUSH TO EXIT"
- Green 1 1/2" pushbutton
- Single-gang, stainless steel faceplate
- NO/NC Contact rated 5A@125VAC

Request-to-Exit Plates



SD-7201RCPE1Q

SPDT

- "EXIT" and "SALIDA"
- Red 1½" pushbutton
- Single-gang, stainless steel faceplate
- NO/NC Contact rated 5A@125VAC



SD-7201GAPT1Q

Timer

SPDT

Similar to SD-7201GCPE1Q but with:

- Built-in timer: 1~180 seconds
- Buzzer output for audible status
- NO/NC Contact rated 3A@24VDC



SD-7213-GSP

Pneumatic Timer

DPST

- Single-gang, stainless steel faceplate
- Green mushroom pushbutton
- Built-in pneumatic timer requires no external power
- NO/NC Contacts rated 5A@125VAC
- Timer adjustable from 1~60 seconds



SD-7213-RSP

Pneumatic Timer

DPST

- Single-gang, stainless steel faceplate
- Red mushroom pushbutton
- Built-in pneumatic timer requires no external power
- NO/NC Contacts rated 5A@125VAC
- Timer adjustable from 1~60 seconds



SD-7623-GSTQ

Illuminated

Timer

LED

NEW

- Single-gang, stainless steel faceplate
- Built-in dual-colored status LED
- Field-programmable color, red or green
- Built-in timer, 1~180 seconds
- 12/24 VDC Operation
- NO/NC Contacts rated 3A@24VDC



SD-7217-GSBQ

Buzzer

LED

DPST

NEW

- Single-gang, stainless steel faceplate
- Built-in buzzer with adjustable sound level
- Built-in LED for visible status
- 12/24 VDC Operation
- NO/NC Contacts rated 10A@125VAC



SD-7286-GWQ

DPDT

- Large green 2" diameter pushbutton
- Flush mount, protrudes only ⅝" (15mm)
- Aluminum back plate fits to single-gang box
- ABS plastic front cover snaps to back plate
- DPDT Momentary switch, 5A@125VAC contact rating



SD-8201GTPE1Q

Wireless

SPDT

- Single-gang, stainless steel faceplate
- For hard-to-wire installations
- Green 1½" pushbutton
- Built-in RF transmitter (similar to SK-919TD1S-UP; see page 76-78 for compatible receivers)

Request-to-Exit Plates



SD-6276-SS1Q

Illuminated	Timer	SPDT
-------------	-------	------

- Single-gang, stainless steel faceplate
- Piezoelectric buttons for indoor or outdoor use
- Dual color LED ring shows status
- Timer adjustable 1~30 seconds or toggle
- Dual NO/NC contacts rated 2A@30VDC



SD-6176-SS1Q

Illuminated	Timer	SPDT
-------------	-------	------

- Slimline, stainless steel faceplate
- Piezoelectric buttons for indoor or outdoor use
- Dual color LED ring shows status
- Timer adjustable 1~30 seconds or toggle
- Dual NO/NC contacts rated 2A@30VDC



SD-6276-SSVQ

Illuminated	Timer	Override
-------------	-------	----------

- Single-gang, stainless steel faceplate
- Piezoelectric buttons for indoor or outdoor use
- Dual color LED ring shows status
- Timer adjustable 1~30 seconds or toggle
- Dual NO/NC contacts rated 2A@30VDC
- Built-in manual override button



SD-6176-SSVQ

Illuminated	Timer	Override
-------------	-------	----------

- Slimline, stainless steel faceplate
- Piezoelectric buttons for indoor or outdoor use
- Dual color LED ring shows status
- Timer adjustable 1~30 seconds or toggle
- Dual NO/NC contacts rated 2A@30VDC
- Built-in manual override button



SD-7201KBQ Single-gang

SD-7101KBPE1Q Slimline

SPST

- Black pushbutton
- Stainless steel, ring guard
- N.C. Contact rated 1A@125VAC
- IP56 Weatherproofing



SD-7101RAEX1Q

SPST

- Red pushbutton
- Stainless steel, ring guard
- N.O. Contact rated 1A@125VAC
- IP56 Weatherproofing



SD-7204SGEX1Q Single-gang

SD-7104SGEX1Q Slimline

Vandal	DPST
--------	------

- Vandal-resistant, 1" diameter, stainless steel pushbutton
- NO/NC Contact rated 5A@250VAC
- "EXIT" and "SALIDA" silk-screened on plate
- IP56 Weatherproofing



SD-7275SGEX1Q Single-gang

SD-7175SGEX1Q Slimline

Vandal	Illuminated	DPST
--------	-------------	------

- 1" diameter, illuminated 2-color, momentary pushbutton
- NO/NC Contact rated 5A@250VAC
- "EXIT" and "SALIDA" silk-screened on plate
- IP56 Weatherproofing

Miniature Push Buttons/RTE Plates


PB-2618-GQ

NEW

- Large green metal mushroom button
- Surface-mount with backbox
- N.O. Push-to-close 3A@36VDC
- 2¹/₁₆"x2¹/₁₆"x1³/₈" (53x53x35 mm)


PB-2318-SQ

NEW

- Large flush-mount metal button
- Surface-mount with backbox
- SPDT switch (NO/NC/COM) 1A@24VDC
- 2¹/₁₆"x2¹/₁₆"x1⁹/₁₆" (53x53x39 mm)
- Pushbutton component is UL Recognized


PB-5118-GQ

NEW

- Large green metal mushroom button
- Surface-mount with backbox
- N.O. Push-to-close 3A@36VDC
- 3³/₁₆"x1¹/₄"x1¹/₄" (81x32x32 mm)


PB-5318-SQ

NEW

- Small flush-mount metal button
- Surface-mount with backbox
- SPDT switch (NO/NC/COM) 1A@24VDC
- 3⁷/₁₆"x1⁵/₁₆"x1⁹/₁₆" (88x34x39 mm)
- Pushbutton component is UL Recognized


PB-5115-GQ

NEW

- Large green metal mushroom button
- Mini RTE plate
- Flush-mount
- N.O. Push-to-close 3A@36VDC
- 3⁹/₁₆"x1¹/₈"x1¹/₄" (91x28x32 mm)


PB-5348-SQ

NEW

- Small flush-mount metal button
- Surface-mount with backbox
- SPDT switch (NO/NC/COM) 1A@24VDC
- 3³/₁₆"x1¹/₄"x1¹⁵/₁₆" (81x32x50 mm)
- Illuminated button

Rocker Switches


PB-2811-WWQ

NEW

- Rocker switch
- Surface-mount with backbox
- SPDT switch (NO/NC/COM) 3A@36VDC
- 2¹/₁₆"x2¹/₁₆"x1³/₈" (69x69x35 mm)


PB-1811-WWQ

NEW

- Rocker switch
- Surface-mount with backbox
- SPDT switch (NO/NC/COM) 3A@36VDC
- 3⁷/₁₆"x3⁷/₁₆"x1⁵/₁₆" (88x88x33 mm)


PB-1311-WWQ

NEW

- Rocker switch
- Flush-mount
- SPDT switch (NO/NC/COM) 1A@24VDC
- 3³/₈"x3³/₈"x1⁷/₁₆" (86x86x36 mm)


PB-5811-WWQ

NEW

- Rocker switch
- Surface-mount
- SPDT switch (NO/NC/COM) 3A@36VDC
- 3³/₈"x1¹/₁₆"x7⁷/₈" (86x43x23 mm)
- UL Recognized microswitch

Indoor No-Touch Sensors



SD-927PKC-NEQ



SD-927PKC-NSQ



SD-927PKC-NFQ



SD-927PWCQ

Features

- No-touch – just wave a hand in front of the sensor
- Sensing range up to 4" (10cm); sensing range up to 2" (5cm) for SD-927PWCQ
- Selectable LED color: Green to red or red to green
- SPDT relay output, 3A@24VDC
- Clean and simple no-touch operation reduces the risk of cross-contamination
- Reliable motion-sensing IR technology
- Durable, stainless steel, single-gang faceplate (except for SD-927PWCQ)
- Triggers a minimum of 0.5 sec, or as long as hand is near the sensor
- 12VDC Operation
- Current draw: 50mA@12VDC
- Dimensions: 2³/₄"x4¹/₂"x1⁵/₁₆" (70x115x33.5 mm)

Model Numbers

SD-927PKC-NEQ

Single-gang, stainless steel faceplate, English message

SD-927PKC-NSQ

Single-gang, stainless steel faceplate, Spanish message

SD-927PKC-NFQ

Single-gang, stainless steel faceplate, French message

SD-927PWCQ

Single-gang, white plastic faceplate, English, French, and Spanish messages

Specifications

Model	SD-927PKC-NxQ	SD-927PWCQ
Operating voltage	12VDC	
Current draw	50mA@12VDC	
Relay type	Form C NO/NC/COM	
Switching capacity	3A@24VDC	
Response time	10mS	
LEDs	Standby	Green (selectable) Red (selectable)
	Triggered	Red (selectable) Green (selectable)
Output time	0.5sec or as long as sensor is triggered	
Range	4" (10cm)	2" (5cm)
Operating temp.	-4°~131° F (-20°~55° C)	
Weight	3.0-oz (85g)	2.5-oz (70g)

Outdoor No-Touch Sensors



SD-9263-KSQ



SD-9163-KSQ



SD-9263-KSVQ



SD-9163-KSVQ

Features

- Weatherproof (IP65) construction for outdoor use
- Clean and simple no-touch operation reduces the risk of cross-contamination
- Adjustable sensor range up to 7" (18cm)
- SPDT Relay output, 1A@30VDC
- Adjustable trigger duration 0.5~30 seconds or toggle
- Selectable LED color: Green to red or red to green
- 12/24 VDC Operation
- Current draw: 25mA@12VDC, 32mA@24VDC
- **SD-9263-KSVQ and SD-9163-KSVQ only:**
 - Manual override button function in case of power failure
- **SD-9263-KS1Q and SD-9163-KS1Q only:**
 - Spanish versions

Model Numbers

SD-9263-KSQ

Single-gang, no-touch sensor

SD-9163-KSQ

Slimline, no-touch sensor

SD-9263-KSVQ

Single-gang, no-touch sensor with mechanical override

SD-9163-KSVQ

Slimline, no-touch sensor with mechanical override

SD-9263-KS1Q

Single-gang, no-touch sensor, Spanish message



SD-9163-KS1Q

Slimline, no-touch sensor, Spanish message



French versions also available
Contact SECO-LARM for Details

Post-Mount No-Touch Sensor



Model Number

SD-9963-KSGQ

Post-mount, no-touch sensor with manual override

Specifications

Power	12/24 VDC	
Current drain (max.)	Standby	16mA@12VDC / 25mA@24VDC
	Triggered	25mA@12VDC / 32mA@24VDC
Relay type	Form C dry contact, 1A@30VDC	
Response time	10ms	
LEDs	Standby	Red (selectable)
	Triggered	Green (selectable)
Output time	0.8-30 s or toggle	
IP Rating	IP65	
Temperature range	-4°~131° F (-20°~55° C)	
Size	4"x5½"x3" (102x134x77 mm)	
Keys included	2	

Features

- Adjustable sensor range up to 7" (18cm)
- Weather resistant for outdoor use (IP65)
- Stainless steel faceplate
- Hinged faceplate easily removes from box for easy wiring
- Gooseneck or wall-mountable
- Manual override button
- LED-Illuminated sensor area
- Selectable LED colors (turns from red to green or green to red) on sensor activation
- Includes heavy-duty steel box

RTE Plate w/ Delayed Egress Timer



Model Number

SD-7428-GSEQ

Request-to-Exit Button with Delayed Egress Timer

Specifications

Operating voltage	12~24 VDC	
Current draw	Standby	60mA@12VDC, 90mA@24VDC
	Release delay	150mA@12VDC, 55mA@24VDC
	Lock relay output	10mA@12VDC, 15mA@24VDC
Lock control output	3A@30VDC, Form C, NO/NC/COM	
Remote alarm output	3A@30VDC, Form C, NO/NC/COM	
Buzzer sound level	12VDC: 95db@1m, 24VDC: 100db@1m	
Keys included	2	

Features

- Door unlocks and stays unlocked until the system is re-energized using the included keys and keyswitch
- Programmable nuisance delay timer (0~3 seconds) to prevent accidental door unlocking
- Adjustable pre-delay timer (1~30 seconds) before the door unlocks
- Form C relay outputs for lock relay and remote alarm relay (3A@30VDC)
- Fits standard double-gang backbox
- Keyswitch to re-energize door lock

Mullion Surface-Mount RTE Bar



Standby

Activated

Features

- Illuminated text for easy visibility
- Press anywhere on surface to activate contact
- Blue LED on when in standby, green LED when contact is activated
- Thin attractive design (½")

Model Number

SD-7093-SGDQ

RTE Bar with multi-color LED

Specifications

Operating voltage	12VDC
Contact rating	1A@30VDC
Current	100mA@12VDC

NEW

RF Wireless RTE Transmitters



SD-8202GT-PEQ



SD-8103GT-PEQ



SD-862T-GWSQ

Features

SD-8202GT-PEQ:

- Single-gang, stainless steel faceplate
- For hard-to-wire installations
- 2" Square illuminated pushbutton
- Built-in RF transmitter (similar to SK-919TD1S-UPQ; see page 76-78 for compatible receivers)

SD-8103GT-PEQ:

- Slimline, stainless steel faceplate
- For hard-to-wire installations
- Illuminated pushbutton
- Built-in RF transmitter (similar to SK-919TD1S-UPQ; see page 76-78 for compatible receivers)

SD-862T-GWSQ:

- Completely wireless and portable
- Range of 160ft (50m)
- Useful for hard-to-wire installations
- Use in offices, factories, institutions, or residences
- Desk mount or wall mount wireless RTE button
- No exposed antenna
- Singlegang faceplate
- 2"square pushbutton
- Back box included
- 9V alkaline battery included
- Compatible with SECOLARM receivers (see pages 76-78)

Model Number

SD-8202GT-PEQ

Wireless 2" square, illuminated green pushbutton, SPDT

SD-8103GT-PEQ

Wireless square, illuminated green pushbutton, SPDT

SD-862T-GWSQ

Wireless 2" square, green pushbutton

NEW

Accessories

SK-910RBQ

315MHz 1-Channel RF receiver (see page 76)



SK-910RAV2Q

315MHz Miniature 2-channel RF receiver (see page 77)



SK-910R3Q

315MHz 3-Channel RF receiver (see page 78)



SK-910R4-4Q

433.92MHz 4-Channel RF receiver (see page 78)



Microwave Motion Sensor



Model Number

SD-R400-BQ

Microwave Motion Sensor, Sensing Range 10' (3m)

NEW

Specifications

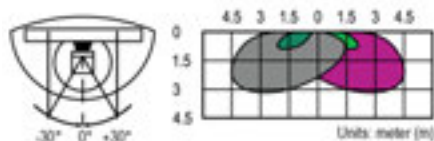
Sensing Type	Microwave
Sensing Frequency	24.125GHz
Sensing range	6' (2m)
Operating Voltage	12~24 VAC/VDC
Relay Type	Form "A" (N.O./Common)
IP Rating	IP54
Temperature Range	-4°~122°F (-20°~50°C)

Features

- Microwave technology, 24.125GHz
- Sensing Range 6' (2m)
- Weatherproof for outdoor use (IP54)
- Adjustable sensing angle
- Black ABS housing

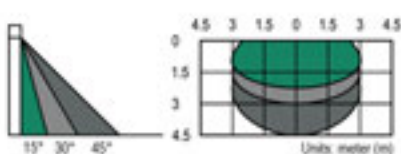
Application

Horizontal area of detection



At center 0°, the area of detection is 12ft (4m) wide and 6.5ft (2m) deep

Vertical area of detection



At center 0° with a 45° vertical tilt, the area of detection extends to 14.7ft (4.5m)

Request-to-Exit Key Switch Plates



SD-72051-V0, SD-72002-V0



SD-71051-V0, SD-71002-V0

Model Numbers

SD-72051-V0

Single-gang, momentary

SD-72002-V0

Single-gang, shunt

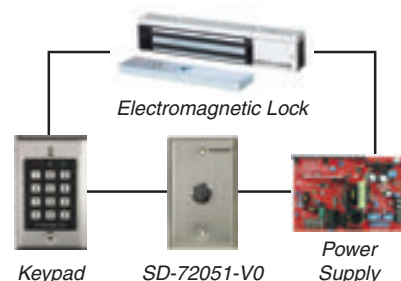
SD-71051-V0

Slimline, momentary

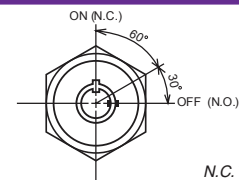
SD-71002-V0

Slimline, shunt

Application



Keylock Switch Type



Features

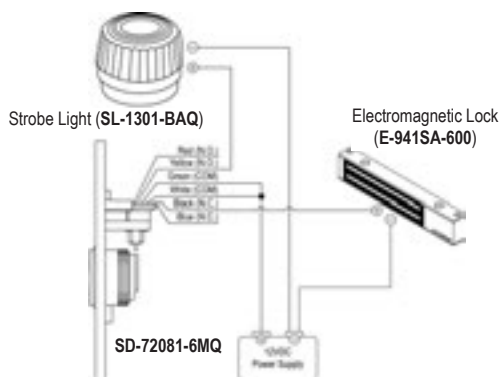
SD-72051-V0 and SD-71051-V0:

- N.C. Turn-to-Open
- Stainless steel plate
- Includes shunt ON, momentary OFF spring loaded keylock switch
- Switch is maintained ON, springs back from OFF
- Key is removable from the ON position
- Replacement key available (SS-090KN-0)

SD-72002-V0 and SD-71002-V0:

- N.C. Turn-to-Open
- Stainless steel plate
- Includes maintained ON/OFF keylock switch
- Switch can be left ON or OFF
- Key is removable from the ON or OFF position
- Replacement key available (SS-090KN-0)

Mortise Cylinder Key Switch



Model Number

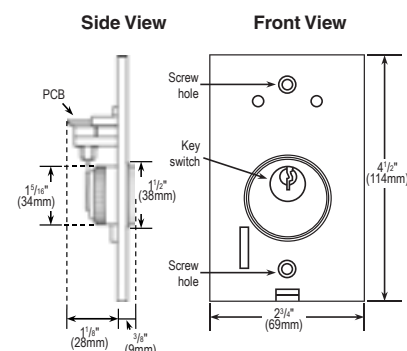
SD-72081-6MQ

Single-gang, mortise switch

Specifications

Switch Type	DPDT Switch (momentary)
Contact Rating	5A@125VAC, NO/NC
Dimensions	2 ³ / ₄ "x4 ¹ / ₂ "x1 ⁷ / ₁₆ " (69x114x37 mm)

Dimensions



Features

- Acts as a backup for access control systems so that the system does not rely on the integrity of a single device
- For electric lock control or alarm panels
- Keyed mortise cylinder (2 keys included)
- Mortise cylinder removable for ease of keying
- Flush-mount with vandal-resistant screws
- Back plate fits to single-gang box
- Stainless steel front cover conceals screws
- DPDT Momentary switch rated 5A@125VAC
- Color-coded wires

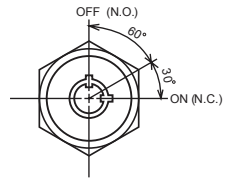
Tubular Key Lock Switches



SS-090

SS-090 *Shunt ON/OFF, two terminals, SPST*

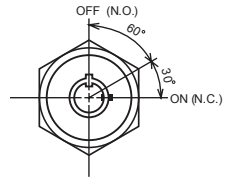
- Maintained ON/OFF, key removable from both ON and OFF positions
- Commonly used as an ON/OFF switch to arm/disarm alarm or shunt zone
- Rated 2A@12VDC
- N.O. Turn to close
- Replacement keys available (see chart)



SS-090-1H0

SS-090-1H0 *Shunt ON/OFF, two terminals, SPST*

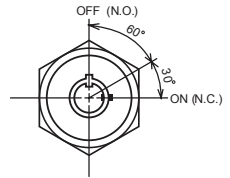
- Maintained ON/OFF, key removable from OFF position only
- Commonly used in situations that require return of key to ensure that device is OFF
- N.O. Turn to close
- Replacement key available (SS-090-1H0)



SS-095

SS-095 *Momentary ON, shunt OFF, two terminals, SPST*

- Maintained OFF, springs back from ON; key removable from ON position only
- Commonly used for momentary arm/disarm alarm inputs or other applications requiring high-security momentary ON
- N.O. Turn to close
- Replacement keys available (see chart)



Spare / Replacement Keys

SS-090KN



- Replacement keys for tubular key lock switches
- Eleven different key numbers available (1300-1310)
- See the chart below for which key numbers are available for each key lock and the correct key lock part numbers for ordering

Ordering Information

Key #	SS-090	SS-095	SS-090-1H0	SS-090KN
1300	SS-090-2H0	SS-095-1H0	SS-090-1H0	SS-090KN-0
1301	SS-090-2H1	SS-095-1H1	N/A	SS-090KN-1
1302	SS-090-2H2	SS-095-1H2	N/A	SS-090KN-2
1303	SS-090-2H3	SS-095-1H3	N/A	SS-090KN-3
1304	SS-090-2H4	SS-095-1H4	N/A	SS-090KN-4
1305	SS-090-2H5	SS-095-1H5	N/A	SS-090KN-5
1306	SS-090-2H6	SS-095-1H6	N/A	SS-090KN-6
1307	SS-090-2H7	SS-095-1H7	N/A	SS-090KN-7
1308	SS-090-2H8	SS-095-1H8	N/A	SS-090KN-8
1309	SS-090-2H9	SS-095-1H9	N/A	SS-090KN-9
1310	SS-090-2HX	SS-095-1HX	N/A	SS-090KN-0

Accessories

SS-199Q

Stainless steel slimline plate with 3/4" (19mm) "D" hole



SS-299Q

Stainless steel single-gang plate with 3/4" (19mm) "D" hole



Wireless Video Door Phone



Model Number

DP-236Q
Camera and monitor set

NEW

Accessories

DP-236-MQ
Additional monitor



DP-236-SQ
Replacement monitor
charger stand



DP-236-BQ
Replacement
rechargeable lithium
ion battery



Features

- Talk with visitors and unlock doors or gates via the monitor
- Handheld monitor's rechargeable battery allows communication with visitors while moving around the premises
- Wide 3 $\frac{3}{8}$ " monitor screen for enhanced viewing
- Connect up to two additional monitors (sold separately)
- Includes a kickstand and charging base for the monitor
- Adjustable pan and tilt angle (20° from centerline)
- Camera is rated IP55 for outdoor use
- Egress input allows the door phone to be connected with a Request-to-Exit plate or other egress device
- Camera's built-in PIR sensor takes photos of approaching visitors
- Up to 100 images can be stored in memory
- Camera has built-in LEDs for nighttime operation
- Tamper switch triggers alarm if camera is removed from base
- Four programmable doorbell tones
- Wide (170°) field of view

Specifications

Monitor

Display	3 $\frac{3}{8}$ " (86mm) TFT	
Operating voltage	5VDC (adapter) or 3.7VDC (battery)	
Current draw	Active	250mA@4.2VDC
	Standby	5mA@4.2VDC
Battery life	Active	4.4 Hours
	Standby	220 Hours (9 days)
Operating frequency	2410.875~2471.625 MHz	
RF power	120mW	
Wireless range	492' (150m)*	
Dimensions	5"x3 $\frac{3}{8}$ "x2 $\frac{7}{8}$ " (127x85x22 mm)	
Weight	3.9-oz (110g)	
Operating temperature	32°~104° F (0°~40° C)	

*Range may vary greatly depending on the installation and operating environment.

Camera

Type	Color Camera	
Chip	CMOS	
Resolution	480 TV Lines	
Lens	2mm	
Field of view	170°	
Operating voltage	9~16 VAC/5~16 VDC	
Relock delay	1~6 s	
Relay output	3A@250VAC/30VDC	
Current draw	Active	250mA@4.2VDC
	Standby	3mA@4.2VDC
Battery life	Active	4.4 Hours
	Standby	366 Hours (15 days)
Dimensions (with bracket)	5 $\frac{1}{16}$ "x3 $\frac{1}{8}$ "x1 $\frac{1}{16}$ " (144x80x50 mm) with bracket	
Weight	4.3-oz (122g)	
Operating temperature	14°~122° F (-10°~50° C)	

Special Features



Unlocks Doors
Allows access remotely via the monitor



Wireless Operation
Range: Up to 492ft (150m)

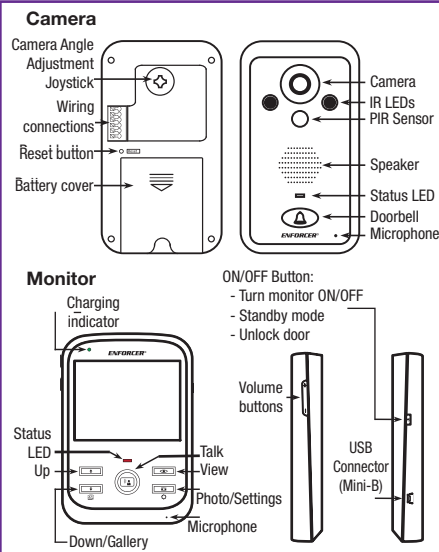


1 Camera, 3 Monitors
Pair up to 3 monitors with 1 camera



Adjustable Viewing Angle
Larger variety of viewing angles

Overview



Hands-Free Video Door Phone



Features

- Simple 2-wire connection
- Camera unit has built-in microphone and speaker for hands-free two-way communication
- Unlock doors with a single button press from the main monitor or secondary monitor (not included)
- Adjustable color tone, brightness, and contrast
- Adjustable speaker and ringer volume
- Camera has four LEDs for nighttime operation
- 1/4" CMOS Sensor
- 700 TV Line resolution
- Large 7" screen
- Connect an additional monitor for up to two monitor stations (DP-234-MQ or DP-222-MQ – sold separately)

Model Number

DP-234Q

Camera and monitor set

Accessory

DP-234-MQ

Optional secondary hands-free monitor



Specifications

Camera	
CMOS	1/4" CMOS sensor
Resolution	700 TV lines
Lens	3.6mm
Relay output	1A@12VDC Max. dry contact
Current draw	180mA
Dimensions	2 3/16" x 5 5/16" x 1 1/16" (55x135x39 mm)
Monitor	
Display	7" Color TFT
Operating voltage	17VDC
Relock delay	3 seconds
Current draw	Active: 225mA Standby: 40mA
Dimensions	9 5/8" x 6 5/16" x 1 1/16" (245x160x18 mm)

Color Video Door Phone



Features

- Simple 2-wire connection
- Camera unit has built-in microphone and speaker for two-way communication
- Unlock doors with a single button press
- Adjustable color tone, brightness, and contrast
- Adjustable speaker and ringer volume
- Camera has six LEDs for nighttime operation
- 1/4" CMOS Sensor
- 700 TV Line resolution
- Connect an additional monitor for up to two monitor stations (DP-234-MQ or DP-222-MQ – sold separately)

Model Number

DP-222Q

Camera and monitor set

Accessory

DP-222-MQ

Optional secondary handset monitor



Specifications

Camera	
CMOS	1/4" CMOS sensor
Resolution	700 TV lines
Lens	3.6mm
Relay output	1A@12VDC Max. dry contact
Current draw	150mA
Dimensions	5 1/4" x 3 1/16" x 1 3/16" (130x90x33 mm)
Monitor	
Display	4" Color TFT
Operating voltage	17VDC
Current draw	Active 700mA, Standby 50mA
Dimensions	7 5/8" x 8 1/2" x 1 13/16" (194x216x46 mm)

Alarm Pager System



Features

- Monitors up to three zones per premises or vehicle, plus manual paging
- Connect to nearly any type of burglar alarm control panel, vehicle alarm, communications panel, etc.
- One positive and two negative instant trigger inputs
- Range: Up to one half mile (4W output)
- Over two million possible coding combinations
- Code-learning receiver learns up to three transmitters
- Color LEDs (Green, Orange, or Red) on the receiver indicate which zone of the premises or vehicle was triggered
- EEPROM memory stores codes for up to one year without power
- Audible or vibrating page indicator
- Belt-clip receiver included
- Stores the last six pages for easy recall
- Unattended page indicator
- Low battery indicator
- Receiver uses two AAA batteries (not included)
- Extra vibrating receiver available (E-37RV)
- Connect to a CB antenna, car AM radio antenna (adapter cable included), or external antenna (E-37ANT)

Model Number

E-37EV

Range: 1/2 mile (800m)

Accessories

E-37RV

Additional vibrating receiver



E-37ANT

Optional external antenna



Specifications

Model	E-37EV	
	Transmitter	Receiver
Range	Up to 1/2 mile (800m)*	
Operating frequency	27MHz	N/A
Memory capacity	Over 2 million codes	Up to 3 transmitter codes
Operating voltage	12VDC	3VDC (2x AAA batteries)
Current draw	1A (active)	50mA
RF output power	4W max.	N/A
Weight	5.1-oz (145g)	1.6-oz (45g) (without battery)
Dimensions	4 1/8" x 3 1/8" x 1 5/16" (105x79x33 mm)	3" x 2 1/8" x 5/8" (75x54x16 mm)

Wireless Intercom



Features

- Simple and easy setup
- Encrypted transmission offers security and protection
- 4 selectable channels
- Connect up to 16 wireless intercoms
- Each intercom has adjustable volume
- 3 function modes: full broadcast to all stations, private talk, and hands-free
- Failsafe design: each unit automatically reconnects with other intercoms if any one connection is lost
- Powered by batteries or power adapter

Model Number

DP-A11Q

Range up to 1,000ft (300m)

NEW

Specifications

Power	12VDC or 4 AA batteries (batteries not included)
Low battery indicator	Yes
Operating frequency	900MHz (frequency hopping)
Channels	4
Max # of intercoms connected	16
RF Power	20dBm
Dimensions	7 1/2" x 3 1/2" x 1 1/4" (190x89x32 mm)
Weight	5.3-oz (150g)

Programmable Timers



SA-025Q



SA-026Q

Model Number

SA-025Q

Multipurpose timer with case

SA-026Q

Mini programmable timer

Specifications

Model	SA-025Q	SA-026Q
Operating Volt.	12~24 VDC	12~24 VAC/ VDC
Current	Standby	1mA
	Active	50mA
Form C relay	8A@24VDC	3A@24VDC

Features

SA-025Q

- Can be triggered via N.O. positive (+) trigger, N.C. negative (-) trigger, or by powering up the unit
- Relay can be programmed to activate at the start or at the end of the timing cycle
- Built-in reset function
- Timer can be set from 1sec to 60min
- Programmable for pulse (flash) activation
- LED indicates relay is energized
- Functions programmed via DIP switches – no jumpers to cut
- For more information see page 101

SA-026Q

- Adjustable timer from 1~180 seconds via an onboard potentiometer
- NO/NC Switch trigger
- Relay output: Form C (SPDT) via terminal blocks
- Includes double-sided foam tape
- For more information see page 101

Delayed Egress Timer



Model Number

SA-025EQ

Delayed egress timer

Specifications

Operating voltage		12~24 VAC/VDC
Current draw	Standby	120mA@12VDC
	Pre-delay	90mA@12VDC
	Local alarm	35mA@12VDC
	Timer module only	15mA@12VDC
Lock control output		10A@24VDC, Form C, NO/NC/COM
Remote alarm output		10A@24VDC, Form C, NO/NC/COM
Local alarm output		Transistor ground, 500mA@12VDC

Features

- 3 Relock modes to meet different installation requirements
 - Standard manual relocking
 - BOCA (Building Officials Code Administrators) relocking
 - Timed relocking (1~60 sec)
- Door status input
- Programmable nuisance delay timer (0~3 sec)
- Adjustable pre-delay timer (1~30 sec)
- Adjustable post-delay timer (1~60 sec)
- Selectable manual or automatic relocking after power loss
- Status LEDs show relay status
- Bypass input immediately releases locks
- Free egress input allows easy egress during the delay
- Works with SD-961A-36 and other electrical push-to-exit bars

7-Day Timer



Model Number

SA-027WQ

Specifications

Operating voltage	12~24 VAC/VDC
Current draw	Standby: 15mA@12VDC Active: 70mA@12VDC
Relay rating	10@120VAC/28VDC
Weight	4.6-oz (130g)
Dimensions	4 $\frac{3}{16}$ "x3 $\frac{1}{16}$ "x1 $\frac{1}{4}$ " (107x78x31 mm)

Features

- Enclosed terminals for a safer installation
- 12~24 VAC/VDC Operation
- Backup battery: 1x CR-2016 (included)
- Holiday function (up to 99 days)
- Easy-to-read backlit LCD
- Adjustable output time
- Programmable security code
- 12 or 24-Hour clock format
- 16 Schedules including daily, weekly, weekends, etc
- Memory saved if power fails
- Egress input terminal
- Form C relay output (10A@120VAC/28VDC)
- Mode selection button for manual relay operation

365-Day Annual Timer



Model Number

SA-027HQ

Specifications

Operating voltage		12~24 VAC/VDC
# Of Relays		2
Relay rating		10A@14VDC
Current draw		100mA
# Of Events		50 for each relay, 100 total
Blue LED	ON	Power is ON
	OFF	Power is OFF
# Of Holidays		10
Battery charging current		90mA
Security code		4-digits, numeric, ON/OFF
Weight		5.8-oz (164g)
Dimensions		4 $\frac{3}{16}$ "x3 $\frac{1}{16}$ "x1 $\frac{1}{4}$ " (107x78x31 mm)

Features

- Enclosed terminals for safer installation
- 2 N.O. Or N.C. Form C relays
- Each relay can be programmed for 50 events, total of 100 individual programmable events
- 100 Programmable events can be set weekly, daily, or hourly 365 days a year
- Password protection can be turned ON/OFF
- One egress input per relay (2 total)
- Block programming allows events to be repeated on consecutive days
- Event output can be shunt or momentary; momentary programmable for 1~99 sec
- 10 Programmable holidays
- Tandem mode allows both relays to operate simultaneously
- Built-in back-up battery charger for external back-up battery use
- Memory saved if power fails
- Compensates for leap years
- Set for standard or Daylight Savings Time
- Alpha-numeric, back-lit LCD display, and simple button layout for easy programming

4-in-1 HD Fixed Rollerball Camera



HD

DNR

1080p
Resolution

Model Number

EV-Y2201-A2WQ

2.8mm lens, 1080p, white

EV-Y2201-A2GQ

2.8mm lens, 1080p, gray

NEW

NEW

Specifications

Format	TVI / CVI / AHD / Analog
Lens	2.8mm ICR
Viewing angle	90°
CMOS	1/2.9" 2MP Sony CMOS
Minimum Lux (IR Off)	Color 0.1Lux/F1.4, B/W 0.01Lux/F1.4
Voltage	12VDC
3DNR	Yes
DWDR	Yes
Onboard OSD control	Yes
# of IR LEDs	24
IR LED range	Up to 50ft (15m)
Gamma correction	0-1
Gain control	Yes
Dimensions	3 1/16"x2 15/16" (93x75 mm)
Weight	13.1-oz (370g)

Features

- Supports HD TVI, CVI, AHD, and Analog formats
- 1200 TV Lines, 1080p Resolution
- 12VDC Operation
- 1/2.9" 2MP Sony CMOS
- 2.8mm ICR lens
- 36 IR LEDs, up to 50ft IR range
- Split-glass design to eliminate IR reflection
- Cables concealed in bracket to prevent tampering
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP65) construction
- Mounting brackets available (see page 54)

4-in-1 HD Varifocal Rollerball Camera



HD

DNR

1080p
Resolution

Model Number

EV-Y2201-AMWQ

2.8~12mm lens, 1080p, white

EV-Y2201-AMGQ

2.8~12mm lens, 1080p, gray

NEW

NEW

Specifications

Format	TVI / CVI / AHD / Analog
Lens	2.8~12mm ICR
Viewing angle	30°~90°
CMOS	1/2.9" 2MP Sony CMOS
Minimum Lux (IR Off)	Color 0.1Lux/F1.4, B/W 0.01Lux/F1.4
Voltage	12VDC
3DNR	Yes
DWDR	Yes
Onboard OSD control	Yes
# of IR LEDs	36
IR LED range	Up to 100ft (30m)
Gamma correction	0-1
Gain control	Yes
Dimensions	4 3/4"x3 3/4" (120x95 mm)
Weight	1-lb, 10.1-oz (740g)

Features

- Supports HD TVI, CVI, AHD, and Analog formats
- 1200 TV Lines, 1080p Resolution
- 12VDC/24VAC Operation
- 1/2.9" 2MP Sony CMOS
- 2.8~12mm Varifocal ICR lens
- 36 IR LEDs, up to 100ft IR range
- Split-glass design to eliminate IR reflection
- Cables concealed in bracket to prevent tampering
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP65) construction
- Mounting brackets available (see page 54)

4-in-1 HD Fixed Bullet Camera



HD

DNR

1080p
Resolution

Model Number

EV-Y1201-A2WQ
2.8mm lens, 1080p

NEW

Specifications

Format	TVI / CVI / AHD / Analog
Lens	2.8mm ICR
Viewing Angle	90°
CMOS	1/2.9" 2MP Sony CMOS
Minimum Lux (IR Off)	Color 0.1Lux/F1.4, B/W 0.01Lux/F1.4
Voltage	12VDC
3DNR	Yes
DWDR	Yes
Onboard OSD Control	Yes
# of IR LEDs	30
IR LED Range	Up to 50ft (15m)
Gamma Correction	0-1
Gain Control	Yes
Dimensions	6 ⁹ / ₁₆ "x2 ⁹ / ₁₆ " (166x65 mm)
Weight	14.1-oz (400g)

Features

- Supports HD TVI, CVI, AHD, and Analog formats
- 1200 TV Lines, 1080p Resolution
- 12VDC Operation
- 1/2.9" 2MP Sony CMOS
- 2.8mm ICR Lens
- 30 IR LEDs, up to 50ft IR range
- Cables concealed in bracket to prevent tampering
- Rugged, weatherproof (IP66) construction

4-in-1 HD Varifocal Bullet Camera



HD

DNR

1080p
Resolution

Model Number

EV-Y1201-AMWQ
2.8~12mm Varifocal lens, 1080p

NEW

Specifications

Format	TVI / CVI / AHD / Analog
Lens	2.8~12mm ICR
Viewing angle	30°~90°
CMOS	1/2.9" 2MP Sony CMOS
Minimum Lux (IR Off)	Color 0.1Lux/F1.4, B/W 0.01Lux/F1.4
Voltage	12VDC
3DNR	Yes
DWDR	Yes
Onboard OSD control	Yes
# of IR LEDs	3 X IR III
IR LED range	Up to 100ft (30m)
Gamma correction	0-1
Gain control	Yes
Dimensions	10 ⁷ / ₁₆ "x3 ³ / ₄ " (265x83 mm)
Weight	1-lb, 10.8-oz (760g)

Features

- Supports HD TVI, CVI, AHD, and Analog formats
- 1200 TV Lines, 1080p Resolution
- 1/2.9" 2MP Sony CMOS
- 12VDC Operation
- 2.8~12mm Varifocal ICR lens
- Cables concealed in bracket to prevent tampering
- 3 (IR III) LEDs for low-light situations (equivalent to 36 LEDs), up to 160ft IR range
- Rugged, weatherproof (IP66) construction

4-in-1 HD Varifocal Dome Camera



HD

DNR

1080p
Resolution

Model Number

EV-Y2201-AMWAQ
2.8~12mm lens, 1080p

NEW

Specifications

Format	TVI / CVI / AHD / Analog
Viewing angle	30°~90°
CMOS	1/2.9" 2MP Sony CMOS
FPS	30
Minimum Lux (IR Off)	Color 0.1Lux/F1.4, B/W 0.01Lux/F1.4
3DNR	Yes
DWDR	Yes
Onboard OSD control	Yes
# of IR LEDs	24 (850nm)
IR LED range	Up to 100ft (30m)
Dimensions	5 3/16"x4 1/2" (132x114 mm)
Weight	1-lb, 9.3-oz (717g)

Features

- Supports HD TVI, CVI, AHD, and Analog formats
- 1200 TV Lines, 1080p Resolution
- 12VDC Operation
- 2.8~12mm ICR Lens
- 1/2.9" 2MP Sony CMOS
- Rugged, vandal-resistant design with no exposed screws and concealed cable
- 24 IR LEDs (850nm), Up to 100ft (30m) range
- Two-axis gimbal rotation
- Rugged, weatherproof (IP65) design

4-in-1 HD UFO Camera



HD

DNR

1080p
Resolution

Model Number

EV-Y6201-A3WQ
3.7mm Pinhole lens, 1080p

NEW

Specifications

Format	TVI / CVI / AHD / Analog
Lens	3.7mm Pinhole
CMOS	1/2.9" 2MP Sony CMOS
3DNR	Yes
DWDR	Yes
Onboard OSD Control	Yes
Dimensions	3"x1 15/16" (77x49 mm)

Features

- Supports HD TVI, CVI, AHD, and Analog formats
- 1200 TV Lines, 1080p resolution
- 1/2.9" 2MP Sony CMOS
- 12VDC Operation
- Low-profile design, extends outward only one inch
- Day/Night operation captures images even in low light
- 3.7mm Pinhole lens
- Heavy-duty, vandal-resistant design
- Lens rotates to nearly any angle for flexible installation
- Rugged, weatherproof (IP66) design

Accessory

EV-6640SWQ
Optional surface-mount bracket


4-in-1 HD Covert PIR Camera



HD

DNR

1080p
Resolution

Model Number

EV-Y6221-A3WQ

3.7mm Pinhole lens, 1080p

NEW

Specifications

Format	TVI / CVI / AHD / Analog
Viewing angle	85°
CMOS	1/2.9" 2MP Sony CMOS
FPS	50~60
2DNR	Yes
DWDR	Yes
Onboard OSD control	Yes
# of IR LEDs	18 Covert (940nm)
IR LED range	Up to 50ft (15m)
Dimensions	4 1/16"x2 3/8"x1 5/16" (104x60x34 mm)
Weight	12.3-oz (350g)

Features

- Supports HD TVI, CVI, AHD, and Analog formats
- 1/2.9" 2MP Sony CMOS
- Joystick OSD control
- 3.7mm Covert pinhole lens
- Camera is hidden in a non-functioning PIR sensor housing
- 18 Covert IR LEDs for discreet monitoring

4-in-1 HD Corner-Mount Camera



HD

DNR

1080p
Resolution

Model Number

EV-Y4201-A2SQ

2.9mm lens, 1080p

NEW

Specifications

Format	TVI / CVI / AHD / Analog
Viewing angle	130°
CMOS	1/2.9" 2MP Sony CMOS
Minimum Lux (IR Off)	Color: 0.2Lux/F1.8 B/W: 0.02Lux/F1.8
3DNR	Yes
DWDR	Yes
# of IR LEDs	30 (940nm)
IR LED range	Up to 82ft (25m)
Dimensions	7 1/2"x5 1/2"x1 11/16" (190x140x43 mm)
Weight	13.75-oz (390g)

Features

- Supports HD TVI, CVI, AHD, and Analog formats
- 1200 TV Lines, 1080p resolution
- 1/2.9" 2MP Sony CMOS, 2.9mm ICR Lens
- 12VDC
- True Day & Night function with ICR mechanism
- 30 Covert IR LEDs for discreet monitoring
- Built-in joystick OSD control
- Vandal-resistant metal front panel
- Designed to easily fit corners in office buildings, elevators, and more
- Rugged, weatherproof (IP65) design

4-in-1 HD PTZ Camera



HD

DNR

1080p
Resolution

Model Number

EV-N7203-AYWQ

4.7~47mm lens, 1080p

NEW

Features

- 1080p resolution
- 4.7~47mm Lens with 10x Optical zoom
- IR Range up to 262ft (80m)
- 360° horizontal rotation
- 0°~90° vertical rotation
- 3DNR (3D digital noise reduction)
- DWDR (Digital Wide Dynamic Range)
- NTSC and PAL Support
- Lightning-proof and weatherproof for indoor and outdoor use (IP66)

4-in-1 HD Rollerball with Motorized Lens



Model Number

EV-Y2201-ANWQ
2.8~12mm Motorized lens, 1080p

NEW

Specifications

Format	TVI / CVI / AHD / Analog
Viewing angle	30°~90°
Megapixels	2MP
Minimum Lux (IR Off)	0.1
3DNR	Yes
DWDR	Yes
Onboard OSD control	Yes
# of IR LEDs	36
IR LED range	Up to 100ft (30m)

HD

DNR

1080p
Resolution

Features

- Supports HD TVI, CVI, AHD, and Analog formats
- 1200 TV Lines, 1080p Resolution
- 12VDC Operation
- 1/2.9" 2MP Sony CMOS
- 2.8~12mm Motorized ICR lens
- 36 IR LEDs, up to 100ft IR range
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP65) construction
- Mounting brackets available (see below)

Rollerball Mounting Brackets

Conduit Box Brackets

Model Numbers:	Compatible with:		
EV-DSSGQ <i>Small, gray</i>	EV-2706-N3GQ		
EV-DSSWQ <i>Small, white</i>	EV-2706-N3WQ, EV-C2001-NZWQ		
EV-DSLGGQ <i>Large, gray</i>	EV-2706-NFGQ		
EV-DSLWQ <i>Large, white</i>	EV-2706-NFWQ, EV-C2001-NMWQ		
		EV-DSSGQ / EV-DSLGGQ	EV-DSSWQ / EV-DSLWQ

Conduit Drop Brackets

Model Numbers:	Compatible with:		
EV-DDSGQ <i>Small, gray</i>	EV-2706-N3GQ		
EV-DDSWQ <i>Small, white</i>	EV-2706-N3WQ, EV-C2001-NZWQ		
EV-DDLGGQ <i>Large, gray</i>	EV-2706-NFGQ		
EV-DDLWQ <i>Large, white</i>	EV-2706-NFWQ, EV-C2001-NMWQ		
		EV-DDSQ / EV-DDLGGQ	EV-DDSWQ / EV-DDLWQ

12-Inch Mirror Camera



Features

- 1/3" Sony Super HAD II CCD
- 2.8mm Lens, 600 TV lines
- 12VDC Operation
- DWDR (Digital Wide Dynamic Range) provides clear images in strong backlight
- 2D Digital Noise Reduction (2D-NR) for extreme low-light conditions
- 3-Axis mounting arm
- Cables concealed in bracket
- OSD (On-Screen Display) for programming special features

Model Number

EV-6600-N2BQ
2.8mm Lens, 600 TV lines

Specifications

Pickup elements	768x494 pixels
Video output format	NTSC
Video output	1Vp-p composite video, 75Ω
S/N Ratio	>48dB
Shutter control	Max 1/100,000 sec.
Minimum illumination	0.1 Lux
Current draw	67mA
Operating temperature	14°~122° F (-10°~50° C)

Wall-Plate Camera



Features

- 1/3.2" 1.3MP Sony STARVIS CMOS
- 1000 TV Lines, 960H resolution
- 2.4mm, 150° Wide-angle lens
- 12VDC Operation
- DWDR (Digital Wide Dynamic Range) provides clear images in strong backlight
- Rugged, weatherproof (IP67) design
- Heavy-duty vandal resistant design
- 2D Digital Noise Reduction (2D-NR) for extreme low-light conditions
- Low-profile design – Install on doors, walls, car bumpers, entryways, and more
- Includes two stainless steel mounting plates (single-gang and slimline)
- Camera can be installed without mounting plates

Model Number

EV-5105-N1SQ
2.4mm Lens, 1000 TV Lines

Specifications

Video output format	NTSC
Effective pixels	1280x960 pixels
Video outputs	1.0Vp-p Composite video, 75Ω
Viewing angle	150°
Minimum illumination	0.0001 Lux@F/2.0
IP Rating	IP67
Current draw	80mA
Operating temperature	-22°~176° F (-30°~80° C)

Installation Options:



Maglock Camera



Features

- 1/3.2" 1.3MP Sony STARVIS CMOS
- 1000 TV Lines, 960H resolution
- 2.4mm, 150° Wide-angle lens
- 12VDC Operation
- Rugged, weatherproof (IP67) design
- Heavy-duty vandal-resistant design
- Patented design seamlessly integrates with 1,200-lb maglocks; see page 6 and 8 for more information

Model Number

E-941EC2-N1Q
2.4mm Lens, 1000 TV lines

Specifications

Video output format	NTSC
Effective pixels	1280x960 pixels
Video outputs	1.0Vp-p Composite video, 75Ω
Minimum illumination	0.0001 Lux @ F1.9
Scanning system	2:1 Interlace
IP Rating	IP67 (Camera only)
Current draw	80mA

IP Fixed Rollerball Camera



IP

PoE

ONVIF

1080p Resolution

Model Number

EV-N2206-2W4Q
1/3" 4MP Sony Exmor CMOS,
1080p

NEW

Specifications

Format	IP
Lens	2.8mm ICR
Viewing angle	90°
Megapixels	4MP
Minimum Lux (IR Off)	Color 0.2Lux/F1.4, B/W 0.05Lux/F1.4
Voltage	12VDC/PoE
CMOS size	1/2.9"
3DNR	Yes
DWDR	Yes
Onboard OSD control	Yes
# of IR LEDs	36
IR LED range	Up to 100ft (30m)
Gamma correction	1.6-2.2
Gain control	Yes
Dimensions	2 ¹⁵ / ₁₆ "x3 ¹¹ / ₁₆ " (75x93 mm)
Weight	0.8-lb

Features

- 1080p Resolution
- 1/3" 4MP Sony Exmor CMOS
- 2.8mm ICR Lens
- 36 IR LEDs, up to 100ft IR range
- H.264 Support
- Cables concealed in bracket to prevent tampering
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP65) construction
- Split-glass design to eliminate IR reflection
- 12VDC and PoE 802.3af Operation
- ONVIF Profile S
- Mounting brackets available (see page 54)

IP Varifocal Rollerball Camera



IP

PoE

ONVIF

1080p Resolution

Model Number

EV-N2206-MW4Q
1/3" 4MP Sony Exmor CMOS,
1080p

NEW

Specifications

Format	IP
Lens	2.8~12mm ICR
Viewing Angle	30°~90°
Megapixels	4MP
Minimum Lux (IR Off)	Color 0.2Lux/F1.4, B/W 0.05Lux/F1.4
Voltage	12VDC/PoE
CMOS Size	1/2.9"
3DNR	Yes
DWDR	Yes
Onboard OSD Control	Yes
# of IR LEDs	36
IR LED Range	Up to 100ft (30m)
Gamma Correction	1.6-2.2
Gain Control	Yes
Dimensions	4 ³ / ₄ "x3 ³ / ₈ " (120x85.28 mm)
Weight	1.5lbs

Features

- 1080p Resolution
- 1/3" 4MP Sony Exmor CMOS
- 2.8~12mm Varifocal ICR lens
- 36 IR LEDs, up to 100ft IR range
- H.264 Support
- Cables concealed in bracket to prevent tampering
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP65) construction
- Split-glass design to eliminate IR reflection
- 12VDC and PoE 802.3af Operation
- ONVIF Profile S
- Mounting brackets available (see page 54)

IP Fixed Bullet Camera



IP

PoE

ONVIF

1080p
Resolution

Model Number

EV-N1206-2W4Q
 $\frac{1}{2.9}$ " Sony 2.12MP CMOS, 1080p

NEW

Specifications

Format	IP
Lens	2.8mm ICR
Viewing angle	90°
Megapixels	2.12MP
Minimum Lux (IR Off)	Color 0.2Lux/F1.4, B/W 0.05Lux/F1.4
Voltage	12VDC/PoE
CMOS size	$\frac{1}{2.9}$ "
3DNR	Yes
DWDR	Yes
Onboard OSD control	Yes
# of IR LEDs	1 X IR III
IR LED Range	33~50 ft (10~15 m)
Gamma correction	1.6-2.2
Gain control	Yes
Dimensions	$2\frac{5}{8}$ "x $2\frac{5}{8}$ "x $6\frac{3}{16}$ " (66x66x166 mm)
Weight	0.8-lb

Features

- 1080p Resolution
- $\frac{1}{2.9}$ " Sony 2.12MP CMOS
- 2.8mm Lens
- H.264 Support
- Rugged, weatherproof (IP65) construction
- ONVIF Profile S
- 12VDC and PoE 802.3af Operation
- Cables concealed in bracket to prevent tampering

IP Varifocal Bullet Camera



IP

PoE

ONVIF

1080p
Resolution

Model Number

EV-N1206-MW4Q
 $\frac{1}{3}$ " 4MP Sony Exmor CMOS, 1080p

NEW

Specifications

Format	IP
Lens	2.8~12mm ICR
Viewing angle	30°~90°
Megapixels	4MP
Minimum Lux (IR Off)	Color 0.2Lux/F1.4, B/W 0.05Lux/F1.4
Voltage	12VDC/PoE
CMOS size	$\frac{1}{2.9}$ "
3DNR	Yes
DWDR	Yes
Onboard OSD control	Yes
# of IR LEDs	2 X IR III
IR LED range	Up to 160ft (50m)
Gamma correction	1.6-2.2
Gain control	Yes
Dimensions	$3\frac{1}{16}$ "x $3\frac{3}{4}$ "x $10\frac{3}{8}$ " (93x96x263 mm)
Weight	2lbs

Features

- 1080p Resolution
- $\frac{1}{3}$ " 4MP Sony Exmor CMOS
- 2.8~12mm Varifocal lens
- H.264 Support
- Rugged, weatherproof (IP65) construction
- ONVIF Profile S
- Dual Array IR LEDs (equivalent to 48 LEDs), Up to 160ft IR range
- 12VDC and PoE 802.3af Operation
- Cables concealed in bracket to prevent tampering

IP Varifocal Vandal Dome Camera



Model Number

EV-N2236-MW4Q
 $\frac{1}{3}$ " 4MP Sony Exmor CMOS, 1080p

Specifications

Lens	2.8~12mm ICR
Viewing Angle	30°~90°
Minimum Lux (IR Off)	Color 0.2Lux/F1.4, B/W 0.05Lux/F1.4
3DNR	Yes
DWDR	Yes
# of IR LEDs	24
IR LED Range	Up to 100ft (30m)
Gain Control	Yes
Dimensions	5 $\frac{3}{16}$ "x4 $\frac{1}{2}$ " (132x114 mm)
Weight	1-lb, 9.3-oz (717g)

Features

- 2.8~12mm DC ICR Lens
- H.264, Dual streams
- $\frac{1}{3}$ " 4MP Sony Exmor CMOS
- 1080p Resolution
- Rugged, vandal-resistant design with no exposed screws and concealed cable
- 24 IR LEDs, Up to 100ft IR range
- Weatherproof (IP66)
- 12VDC and PoE 802.3af Operation
- DWDR (Wide Dynamic Range) for clear images in strong backlight
- ONVIF Profile S
- 3D-NR (3D Digital Noise Reduction) for cleaner images in low light

IP Rollerball with Motorized Lens



Model Number

EV-N2206-NW4Q
 $\frac{1}{3}$ " 4MP Sony Exmor CMOS, 1080p

Specifications

Lens	2.8~12mm ICR
Viewing Angle	30°~90°
Minimum Lux (IR Off)	Color 0.2Lux/F1.4, B/W 0.05Lux/F1.4
3DNR	Yes
DWDR	Yes
# of IR LEDs	36
IR LED Range	Up to 100ft (30m)
Gain Control	Yes

Features

- 2.8~12mm 3M ICR Lens
- H.264, Dual streams
- $\frac{1}{3}$ " 4MP Sony Exmor CMOS
- 1080p Resolution
- Rugged, vandal-resistant design with no exposed screws and concealed cable
- 36 IR LEDs, Up to 50ft IR range
- Rugged, weatherproof (IP65) design
- 12VDC and PoE 802.3af Operation
- DWDR (Digital Wide Dynamic Range) for clear images in strong backlight
- 3D-NR (3D Digital Noise Reduction) for cleaner images in low light
- ONVIF Profile S
- IP Rating: IP65

IP Corner-Mount Camera



Model Number

EV-N4206-2S4Q
 $\frac{1}{2}$ " 2.43MP Sony CMOS, 1080p

NEW

Specifications

Max Streaming Speed	1080p @30fps
Video Output Format	H.264/MJPEG, Dual Stream
Viewing Angle	135°
Minimum Illumination	0.002 Lux(F/1.4)(LEDs OFF) 0.0 Lux(F/1.4)(LEDs ON)
# of IR LEDs	30 (940nm)
Power Supply	12VDC \pm 10%, PoE 802.3af
Dimensions	7 $\frac{1}{2}$ "x5 $\frac{1}{2}$ "x1 $\frac{11}{16}$ " (190x140x43 mm)

Features

- 1080p resolution
- $\frac{1}{2}$ " 2.43MP Sony CMOS
- Designed to easily fit corners in office buildings, elevators, jail cells, and more
- 2.9mm Lens
- 12VDC and PoE 802.3af Operation
- Rugged, weatherproof (IP66) design
- 10/100Mbps Ethernet interface (x24)
- ONVIF Support
- IP Rating: IP65

IP PIR Camera



Model Number

EV-N6206-2S4Q
 $\frac{1}{2}$ " 2MP Sony CMOS, 1080p

NEW

Specifications

CMOS	$\frac{1}{2}$ " 2MP Sony CMOS
Max Streaming Speed	1080p @30fps
Video Output Format	H.264/MJPEG, Dual Stream
Viewing Angle	120°
Minimum Illumination	0.002-Lux(F/1.4)(LEDs OFF) 0.0-Lux(F/1.4)(LEDs ON)
# of IR LEDs	30 (940nm)
Power Supply	12VDC \pm 10%, PoE 802.3af
Dimensions	7 $\frac{1}{2}$ "x5 $\frac{1}{2}$ "x1 $\frac{11}{16}$ " (190x140x75 mm)

Features

- 1080p resolution
- $\frac{1}{2}$ " 2MP Sony CMOS
- Designed to easily fit corners in office buildings, elevators, jail cells, and more
- 2.9mm Lens
- 12VDC and PoE 802.3af Operation
- Rugged, weatherproof (IP65) design
- 10/100Mbps Ethernet interface (x24)
- ONVIF Support
- IP Rating: IP65

IP PTZ Camera



Model Number

EV-N7406-YW8Q

4.7~47mm lens, 1080p

NEW

Features

- 1080p resolution
- 4.7~47mm Lens with 10x Optical zoom
- IR Range up to 262ft (80m)
- 360° horizontal rotation
- 0°~90° vertical rotation
- 3DNR (3D digital noise reduction)
- DWDR (Digital Wide Dynamic Range)
- NTSC and PAL Support
- Lightning-proof and weatherproof for indoor and outdoor use (IP66)
- Dual stream support
- ONVIF Support

5-in-1 HD Hybrid DVRs (HD+IP)



Model Numbers

DRH-104Q

4 Channels

NEW

DRH-108Q

8 Channels

NEW

DRH-116Q

16 Channels

NEW



Features

- Auto recognizes up to 3MP HD TVI, CVI, AHD, and Analog cameras
- High-resolution recording and playback over coaxial cable – up to 1920x1080
- H.264 Compression
- VGA and HDMI output
- Programmable video and alarm loss detection
- Remotely control monitoring, playback, recording, system setup, dome camera control, and archiving
- Free CMS software and free P2P service
- 5 Recording modes: continuous, scheduled, alarm, motion detection, and pre-alarm
- Remote monitoring via Internet Explorer, Firefox, Safari, and Chrome
- Programmable features such as motion detection, events, and more
- Mobile viewing for iPad/iPhone® & Android™
- Easy and convenient firmware upgrade via USB
- Available without HDD, or with 1TB, 2TB, or 4TB

DRH-108Q Only:

- Video output: 8 channels 1080p at 240FPS
- 8 BNC Inputs + 8 IP channels

DRH-116Q Only:

- Video output: 16 channels 1080p at 480FPS
- 16 BNC Inputs + 16 IP channels

Specifications

Model			DRH-104Q	DRH-108Q	DRH-116Q
Video	Inputs		4 BNC	8 BNC	16 BNC
	HD Format		HD-AHD, HD-TVI, HD-CVI		
	Outputs	Main monitor	VGA/HDMI Sync output		
	VGA output (optional)		1920x1080, 1440x900, 1280x1024, 1366x768, 1024x768, 800x600		
Audio	Outputs	Main audio	1-ch, BNC		
		Call audio	Bidirected-talk, BNC port		
	Audio compression		G.711A		
Recording & Storage	Compression method		H.264		
	Recording modes		Continuous, scheduled, alarm, motion detection, pre-alarm		
	Video output		4 Ch 1080p@120	8 Ch 1080p@240	16 Ch 1080p@480
	Recording bit rate		16-8000Kbps VBR, CBR		
	Built-in storage interface		2xSATA (4TB max)		
	Export		USB 2.0 port – Supports flash drive, or DVD/RW drive or external USB HDD		
Alarm	Alarm input		x4 via, D-Sub (TTL)		
	Alarm relay output		x1, D-Sub, 1.0A@30VDC or 1.0A@120VAC		
	Alarm detection		NO/NC, Programmable		
	Video loss detection		Programmable		
Connectivity	Network connectivity		RJ-45, 10/100Mbps Ethernet, static IP, DHCP, PPPoE, DDNS		
	Remote operation		Monitoring, playback, recording, system setup, dome camera control, archiving		
	Mobile viewing		iPad/iPhone®, Android™		
	IR Remote		Yes		
	Dome camera control protocol		Pelco P, Pelco D, AD422, Fastrax 2, Panasonic, GE, DSCP, JVC		
	USB		2xUSB 2.0 (Exporting, USB mouse)		

IP NVRs



Model Numbers

DRN-104Q
4 Channels

DRN-108Q
8 Channels

DRN-116Q
16 Channels



Features

- ONVIF Profile S, RTSP, GB28181
- High-definition recording – up to 1920x1080
- H.265/H.264/MJPEG Compression
- Free CMS software and free P2P service
- Remote monitoring via Internet Explorer, Firefox, Safari, and Chrome
- Supports EXT alarm
- Supports 2 channel inputs, 1 channel alarm output
- Programmable video and alarm loss detection
- PC and Mac compatible
- 5 Recording modes: continuous, scheduled, alarm, motion detection, and pre-alarm
- RS-485 Port for PTZ control
- 2 USB Ports
- Remotely control monitoring, playback, recording, system setup, dome camera control, and archiving
- Easy and convenient firmware upgrade via USB
- Available without HDD, or with 1TB, 2 TB, or 4TB
- Supports up to two 6TB drives

DRN-108Q Only:

- Video output: 8 channels 4K at 240FPS

DRN-116Q Only:

- Video output: 16 channels 4K at 480FPS

Specifications

Model			DRN-104Q	DRN-108Q	DRN-116Q
Channels			4	8	16
Frames per second			120FPS	240FPS	480FPS
Video	Inputs		RJ45 10M/100M/1000M Adaptive Ethernet port		
	Outputs	Main monitor	VGA/HDMI Sync output		
	VGA output (optional)		3840x2160, 1920x1080, 1440x900, 1280x1024, 1366x768, 1024x768, 800x600		
Audio	Outputs	Main audio	1-ch, BNC		
		Call audio	Bidirectional-talk, BNC port		
	Audio compression		G.711A		
Recording & Storage	Compression method		H.265 / H.264 / MJPEG		
	Recording modes		Continuous, schedule, alarm, motion detection		
	Video output		1920x1080, 1440x900, 1280x1024, 1366x768, 1024x768, 800x600		
	Recording bit rate		LBR, VBR, 16-8000Kbps		
	Built-in storage interface		2xSATA (6TB max)		
	Export		USB 2.0 port – Supports flash drive, or DVD/RW drive or external USB HDD		
Alarm	Alarm input		x2 via, D-Sub (TTL)		
	Alarm relay output		x1, D-Sub, 1.0A@30VDC or 1.0A@120VAC		
	Alarm detection		NO/NC, Programmable		
	Video loss detection		Programmable		
Connectivity	Network connectivity		RJ-45, 10/100/1000Mbps Ethernet, static IP, DHCP, PPPoE, DDNS		
	Remote operation		Monitoring, playback, recording, system setup, dome camera control, archiving		
	Mobile viewing		iPad/iPhone®, Android™		
	Dome camera control protocol		Pelco P, Pelco D, AD422, Fastrax 2, Panasonic, GE, DSCP, JVC		
	USB		2xUSB 2.0 (Exporting, USB mouse)		

ENFORCER®

EV-Y2201-AMGQ



EV-Y2201-A2WQ

4-IN-1 HD Cameras

1080p
Resolution


SECO-LARM offers a wide variety of HD CCTV cameras with models to satisfy your customer's security needs. Choose from bullet, rollerball, vandal dome, corner-mount, PIR or "UFO" styles that are compatible with the latest HD video formats including TVI, CVI, AHD and analog(CVBS). Equipped with 2MP image sensors, 3D-NR, DWDR and joystick OSD control for easy camera programming. SECO-LARM cameras provide high-quality and reliable security imaging solutions.

Other 4-in-1 HD Cameras also available:



EV-Y1201-AMWQ



EV-Y1201-A2WQ



EV-Y2201-AMWAQ



EV-Y6201-A3WQ



EV-Y6221-A3WQ



EV-Y4201-A2SQ

Tel: (800) 662-0800
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Email: sales@seco-larm.com
Website: www.seco-larm.com

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SECO-LARM®

Manufacturer of **ENFORCER®**

12VDC High-Amp Power Supplies



PS-U1812-PULQ shown



Model Numbers

PS-U1812-PULQ

18 Outputs, 12A cont., PTC fuses

PS-U3612-PULQ*

36 Outputs, 12A cont., PTC fuses

Specifications

Model	PS-U1812-PULQ	PS-U3612-PULQ
Outputs	18	36
Total supply current	12A	
Max. current (output)	2.5A	
Output fuse	PTC	
Output voltage	12.6~13.5 VDC, adjustable	
Input fuse	Micro fuse 3.15A@250VAC	
Input voltage	100~240 VAC (47~63 Hz)	
Dimensions	12 ¹ / ₈ "x12 ¹ / ₄ "x3 ⁵ / ₈ " (308x311x92 mm)	
Weight	7-lb 10-oz (3.45kg)	

*Special order item.

Features

- 12-Amp supply current
- Universal 100~240 VAC input
- 12.6~13.5 VDC Output
- Ultra-low ripple voltage for improved image quality
- Adjustable output to compensate for voltage drop
- Outputs protected with 2.5-Amp PTC
- High-efficiency switching type
- Built-in protection against short circuit and overheating
- Individual channel status LEDs
- Heavy-duty steel case with removable cover
- Dimensions: 12¹/₈"x12¹/₄"x3⁵/₈" (308x311x92 mm)

12VDC Switching CCTV Power Supplies



PS-U0906-PULQ shown



Model Numbers

PS-U0406-PULQ

4 Outputs, 6A cont., PTC fuses

PS-U0906-PULQ

9 Outputs, 6A cont., PTC fuses

PS-U1806-PULQ

18 Outputs, 6A cont., PTC fuses

Specifications

Model	PS-U0406-PULQ	PS-U0906-PULQ	PS-U1816-PULQ
Outputs	4	9	18
Total supply current	6A		
Max. current (output)	2.5A		
Output fuse	PTC		
Output voltage	12.6~13.5 VDC, adjustable		
Input fuse	Micro fuse 3.15A@250VAC		
Input voltage	100~240 VAC (47~63 Hz)		
Dimensions	10"x7 ³ / ₄ "x3 ³ / ₈ " (254x197x92 mm)		
Weight	4-lb 7-oz (2.01kg)		

Features

- New lightweight, cost-effective design
- High-efficiency switching type
- Ultra-low ripple voltage for improved image quality
- Adjustable output to compensate for voltage drop
- Built-in protection against short circuit and overheating
- Individual channel status LEDs
- Heavy-duty steel case with removable cover

12VDC/24VAC Power Supply



Features

- Individual status LEDs
- 6 Amp continuous, 8 outputs with 3A@6/12 VDC and 8 outputs with 1.5A@24VDC
- Each output individually fused
- Adjustable DC voltage output
- Extra-large enclosure: 12"x12"x3 1/2" (305x305x89 mm)

Model Number

EVP-124M6P16Q

16 Outputs, 6A cont., PTC fuses

Specifications

Output voltage	24VAC or 6/12/24 VDC
Number of Outputs	8@24VAC/8@12VDC
Total Output Current	3A per output
Main Fuse Rating	5.0A @ 250VAC
Output Fuse Rating	1.1A @ 250VAC
Input voltage	120 VAC

24VAC Switching CCTV Power Supplies



EVP-1SA4P9UL shown



Model Numbers

EVP-1SA4P4UL

4 Outputs, 4A cont., PTC fuses

EVP-1SA4P9UL

9 Outputs, 4A cont., PTC fuses

EVP-1SA8P16UL

16 Outputs, 8A cont., PTC fuses

Specifications

Model	P4UL	P9UL	P16UL
Outputs	4	9	16
Total Output Current	4 Amps		8 Amps
Main Fuse Rating	5.0 Amps @ 250VAC		
Output Fuse Rating	1.1 Amps @ 250VAC		

Features

- Each output individually fused
- Individual red LED for each output
- Main power on/off master switch
- Spare fuse and 6-foot power cord included
- Heavy-duty steel case to protect the power connections
- Input: 120VAC, 60z. Output: 24VAC
- Removable steel cover for easy access to power connections
- Ventilation holes to prevent heat build-up
- Dimensions: 10 1/8"x7 3/4"x3 1/2" (254x196x89 mm)
- Knock-out for optional cam lock
- AC terminal block for easy connection from transformer to 6-foot power cord

Power Distribution Board



Features

- Used in a wide variety of applications including CCTV, Access, etc
- Surge-protected outputs
- Handles up to 28 VAC/VDC
- Individual red LEDs for each output
- Green power LED
- Power ON/OFF master switch
- Size: 5 3/16"x3 1/8"x1" (132x79x25.5 mm)

Model Number

PD-9PSQ

9 Outputs, main fuse: 5A @ 250VAC

Specifications

Output fuse type	PTC
Output fuse rating	1.1A
No. of Output	9
Main fuse	5A

Rack-Mount DC CCTV Power Supply



Model Number

PH-U1612-PULQ

16 Outputs, 12A cont., PTC fuses

Specifications

Fuse type	PTC
Input voltage	100~240 VAC
# of outputs	16
Total supply current	12A@12VDC max.
Max. current per output	3Amp
Adjustable voltage output	12.6~13.5 VDC
Rack size	1U 19" (45x445x289mm)
Dimensions	1 ³ / ₄ "x17 ¹ / ₂ "x11 ¹³ / ₃₂ " (45x445x289 mm)
Weight	7-lb 14-oz (3.56kg)

Features

- Universal 100~240 VAC input
- 12.6~13.5 VDC Output
- High-efficiency switching type
- Adjustable output to compensate for voltage drop
- Outputs protected with 3-Amp PTC fuses
- Built-in protection against short circuit and overheating
- Flexible cable management options
 - 2 Cable-management brackets with 3 different mounting points
 - 2 Cable-management hooks with 3 different mounting points
- Dual-color LED status indicators for each output (blue - normal, red - fault)
- Rack mount options:
 - Facing forward - easy access to indicator LEDs
 - Facing backward - easy access to connections
- Removable screw terminal blocks for convenient installation and reliable connections
- Rack, wall or desk (stackable) mount
- Dimensions: 1³/₄"x17¹/₂"x11¹³/₃₂" (45x445x289 mm) (excluding brackets)

24/28VAC Rack-Mount Power Supply



Model Number

PH-A1612-PUQ

16 Outputs, 12A cont., PTC fuses

Specifications

Fuse type	PTC
Input voltage	120VAC
# of outputs	16
Total supply current	12A@24VAC max 10A@28VAC max
Max. amps. per ch.	3A@24VAC max
Rack size	1U 19" (45x445x289mm)
Dimensions	1 ³ / ₄ "x17 ¹ / ₂ "x11 ¹³ / ₃₂ " (45x445x289 mm)
Weight	14-lb 14-oz (6.75kg)

Features

- Field-selectable 24 or 28 VAC output
- 120VAC Input, 60Hz
- 12A Continuous supply current
- Compact 1U height fits into standard 19" racks
- Each output individually PTC fused @ 3A
- Individual dual color output status LEDs
- Flexible cable management options – brackets and hooks included
- Removable screw terminals for convenient installation and reliable connections

Plug-and-Play Backup Power



SB-P1012-26Q



SB-L10V1-20Q

Features

- Real-time backup power with no break when input power is lost
- DC UPS Auto-start
- LED indicators for power and backup operation

Additional features for SB-L10V1-20Q

- Auto-recognize voltage (5/7.5/9/12VDC) input and set corresponding output
- Additional indicator LEDs for output voltage and an audible / visible (LED) alarm warning of an overload, voltage issue, or low battery.

Model Numbers

SB-P1012-26Q
10W, 2600mAh, Plug-in

SB-L10V1-20Q
10W, 2000mAh, In-Line

Specifications

Model	SB-P1012-26Q	SB-L10V1-20Q
Type	Plug-in UPS adapter	In-line UPS
Input	85~265 VAC	5/7.5/9/12 VDC
Output	12VDC	5/7.5/9/12 VDC
Backup time	Half Load	70min
	Full Load	30min
Backup time	Half Load	60min
	Full Load	25min
Dimensions	3 ⁷ / ₁₆ "x2 ⁷ / ₈ "x1 ⁵ / ₃₂ " (87x59.8x29mm)	3 ³ / ₈ "x2 ¹ / ₄ "x1 ²¹ / ₃₂ " (85x57x42 mm)

4-Channel "Brick" Power Supply



Features

- 5 Amp continuous, 4 outputs
- Individual status LEDs

Model Number

PA-U0405-NULQ
4 Outputs, 5A Continuous

Specifications

Over current protection	12VDC/6.8A
Output voltage	12~13.8 VDC
Input fuse	3.15A@250VAC
Input voltage	100~240 VAC
Operating temperature	14°~113° F (-10°~45° C)
Dimensions	5 ⁷ / ₈ "x2 ³ / ₁₆ "x1 ⁵ / ₁₆ " (150x55x33 mm)
Weight	13.4-oz (380g)

Power Converters



ST-LA108-TPQ & ST-LA115-TPQ

Features

- Two models available, providing varying degrees of low-voltage DC output
- Built-in overload protection
- Regulated and filtered output
- LED indicates power input
- 2.1mm DC Plug with pigtail for simple and quick installations

Model Numbers

ST-LA108-TPQ
0.8A @ 12VDC

ST-LA115-TPQ
1.5A @ 12VDC

Specifications

Model	ST-LA108-TPQ	ST-LA115-TPQ
Output connector	2.1mm DC Plug	
Input voltage	16~28 VAC/VDC	18~28 VAC/VDC
Output voltage	12VDC	
Output current	0.8A	1.5A

4-in-1 HD Passive Video Baluns



EB-P101-01HQ



EB-P101-20HQ



EB-P101-20HPQ



EB-P501-02HQ

HD

Model Numbers

EB-P101-01HQ
Standard Balun
EB-P101-20HQ
Balun with 6" pig-tail
EB-P101-20HPQ
Power video balun
EB-P501-02HQ
Balun with pass-through

Specifications

Range over 1080p	
HD-TVI	623ft (190m)
HD-CVI	754ft (230m)
HD-AHD	820ft (250m)
Analog	1,312ft (400m)

PATENTED

Features

- 4-in-1 TVI / CVI / AHD / Analog video up to 1080p
- Range over 1080p:
 - HD-TVI: 623ft (190m)
 - HD-AHD: 820ft (250m)
 - HD-CVI: 754ft (230m)
 - Analog: 1,312ft (400m)
- PAL / NTSC / SECAM compatible
- Built-in TVS surge protection
- Anti-static and wave filters
- Lightning protection – Grade III
- 60dB Crosstalk and noise immunity
- Real-time transmission over low-cost Cat5e/6 instead of costly coaxial
- Exceptional interference rejection
- Passive operation – No external power required
- Quick-connect terminals for easy installation
- Small size allows mounting of multiple baluns behind a DVR

EB-P101-20HPQ:

- Transmits video and power over Cat5e/6
- Pigtails for flexible installation

EB-P501-02HQ:

- Patented ergonomic design includes built-in terminals for power or data pass-through
- Terminal blocks - No crimping required

Passive Video Baluns

Passive Weatherproof Balun

EB-P101-25WQ *Weatherproof Balun*

- Weatherproof for outdoor applications
- Transmits up to 1,300ft (400m) color video or up to 1,950ft (600m) B/W video
- High immunity from interference
- Built-in surge protection
- Includes six weatherproof connectors



Passive Video Balun with Ground Loop Isolator

EB-P101-24GQ *Ground loop Balun*

- Transmits up to 1,300ft (400m) color video or up to 1,950ft (600m) B/W video
- Built-in ground loop isolator
- High immunity from interference
- Screwless terminals for quick installation
- Built-in surge protection



Active Video Baluns



EVT-TB1-42T



EVT-RB1-4T2

PATENTED



EB-T101-01HQ

HD*

Model Numbers

EVT-AB1*Active video balun set***EVT-TB1-42T***Active video balun transmitter***EVT-RB1-4T2***Active video balun receiver***EB-T101-01HQ****4-in-1 HD Active video balun transmitter*

Features

- Active operation - The transmitter amplifies the video signal for excellent picture quality at long distances
- Terminal blocks for easy installation - no crimping RJ-45 connectors
- Transmits a B&W video signal up to 1.5 miles (2.4km) or color up to 0.9 miles (1.5km)
- Patented interlocking design for clean, and professional installs

EB-T101-01HQ Only:

- Supports TVI, CVI, AHD and analog video formats
- Range over 1080p with passive HD Balun:
 - HD-TVI: 1,050 ft (320m)
 - HD-CVI: 1,180 ft (360m)
 - HD-AHD: 1,180 ft (360m)
- Push pin terminal for easy install

4-in-1 HD Passive Video Transceivers



EB-P104-01HQ



EB-P116-60HQ

HD

Model Numbers

EB-P104-01HQ*4 Channels***EB-P116-60HQ***16 Channels*

NEW

NEW

Specifications

Range over 1080p	
HD-TVI	623ft (190m)
HD-CVI	754ft (230m)
HD-AHD	820ft (250m)
Analog	1,312ft (400m)

Features

- Compatible with TVI, CVI, AHD, and analog cameras
- Removable terminal blocks or RJ45 connectors
- Connects to cameras, DVRs, multiplexers, and other devices
- Transmits video over Cat5e/6
- Built-in surge protection

Rack-Mount Active Video Balun Hub

Model Number

EVT-AH16-VT2Q*16-Port active balun hub*

Features

- Rack-mount or stackable
- Transmits up to 3,940ft (1.2km) with passive baluns or 5,000ft (1.5km) with active transmitter
- Compact 1U mounts in a standard 19" rack
- Video in: 16 (terminal blocks)
- Video out: 32 (BNC connections)
- Power input: 12/24 VAC/VDC
- Includes 12VDC 1.5-Amp power adapter
- Current draw: 500mA
- Built-in video and data surge protection

Baluns, Extenders and Converters

Video, Power, and Data Balun

EB-P101-20VQ DC Plug and DC jack, RJ45

- Transmits up to 1,300ft (400m) color video or up to 1,950ft (600m) B/W video
- Transmits power for 12/24 VAC/VDC cameras
- Includes DC plug and DC jack (only one used at a time)
- Uses low-cost Cat5e/6 cable instead of costly coaxial cable
- Built-in surge protection



USB Extender

DE-S101Q USB 1.1, Passive, 1 input, 1 output

- Extends USB devices over Cat5e/6 cable up to 150ft (46m)
- USB 1.1 Compliant
- Easily control a DVR remotely without accessing a network or the internet
- Passive operation – no power required
- Small size: 2½"x1⅞"x7/8" (64x37x22 mm) excluding the 9" (230mm) USB pigtail



RS-232 to RS-485 Converter

EVA-RS1 Range: ¾ mi (1,200m)

- 9-Pin DB-9 female connector for RS-232 to 2-Wire removable terminal block for RS-485
- Two wire, differential signals, half duplex
- Auto-switching baud rate, speed up to 115,200 baud (115.2kbps) over a distance of 1,200m
- Up to 32 devices may be connected together in RS-485 multi-drop operation
- Removable terminal blocks



4-in-1 HD Video Amplifier

VA-2101B-WYQ 1 Input, 1 output

- TVI / CVI / AHD / Analog compatible
- Transmits up to 2,625ft (800m)
- Pass-through circuit: multiple (up to 3) HD video amplifiers can be connected to a single power supply
- Brightness and sharpness adjustments for each channel
- NTSC and PAL compatible
- 12VDC Power adapter and jumper included



HD

4-in-1 HD Video Distributors

Model Numbers

VA-1102B-WYQ 1 Input, 2 outputs

VA-1104B-WYQ* 1 Input, 4 outputs

Specifications

Model	VA-1102B-WYQ	VA-1104B-WYQ*
Number of outputs	2	4
Video output format	HD-TVI / CVI / AHD / Analog	
Video input level	0.8~1.2Vp-p, 75Ω	
Video output level	1Vp-p, 75Ω	
Image gain	6dB	
Video bandwidth	350MHz, -3dB	
Dimensions	2½" x 1½" x 1⅞" (58x49x42 mm)	5⅞" x 3⅞" x 1⅞" (138x86x30 mm)
Weight	2.5-oz (70g)	4.9-oz (140g)



VA-1102B-WYQ



VA-1104B-WYQ*

Features

- Compatible with TVI, CVI, AHD, and Analog
- Distributes 1 video input to 2 or 4 video outputs
- Connect to a video camera, multiplexer, DVR, etc.
- LED power indicator
- Signals are cleaned and buffered to ensure clear video over the camera's recommended maximum distance

*Special order item. Please contact **SECO-LARM®** for details.

4-in-1 HD Midpoint VPD Combiners



EB-P304-01MQ



EB-P316-60MQ



Model Numbers

EB-P304-01MQ

4 Channels, passive operation

EB-P316-60MQ

16 Channels, passive operation

NEW

NEW

Features

- Installs at a point between baluns on the camera end of an installation and a video transceiver on the DVR end of an installation
- Video and data signals pass through the unit to a video transceiver while power enters the unit to power the CCTV cameras
- LEDs indicate power present
- T-568B Standard
- Can be wall-mountable or desk-mounted (EB-P316-60MQ is also rack-mountable)
- Connect 4 or 16 cameras using low-cost Cat5e/6 cable

Specifications

Model		EB-P304-01MQ	EB-P316-60MQ
Type		Passive Midpoint	
Video Range	CVBS	984' (300m)	
	HD-AHD	720p: 1050' (320m); 1080p: 722' (220m)	
	HD-CVI	720p: 1476' (450m); 1080p: 820' (250m)	
	HD-TVI	720p/1080p: 820' (250m)	
Video format		NTSC, PAL, SECAM	
Maximum input		1Vp-p	
Impedance	Coax	75Ω@1MHz	
	RJ45	100Ω@1MHz	
Max. amperage		1A@12VDC/24VAC	
Data Range		2,400' (800m)	
Fuse		1.5A max/CH	

4-in-1 HD Endpoint VPD Combiners



EB-C304-01EQ



EB-C316-60EQ



Model Numbers

EB-C304-01EQ

4 Channels, active operation

EB-P316-60EQ

16 Channels, passive operation

NEW

NEW

Features

- For use with VPD baluns such as EB-P101-20VQ (see page 69)
- Transmits power and data to the camera while receiving video from the camera
- Installs at the DVR end of an installation
- Can be wall-mounted or desk-mounted (EB-P316-60EQ also rack-mountable)
- LEDs indicate power present
- Connect 4 or 16 cameras using low-cost Cat5e/6 cable
- T-568B Standard
- Active models also feature a built-in power supply (1 Amp per channel) to power CCTV cameras:
 - 24VAC for models EB-C304-01EQ

Specifications

Model		EB-C304-01EQ	EB-P316-60EQ
Type		24VAC Endpoint	Passive Endpoint
Video Range	CVBS	984' (300m)	
	HD-AHD	720p: 1050' (320m); 1080p: 722' (220m)	
	HD-CVI	720p: 1476' (450m); 1080p: 820' (250m)	
	HD-TVI	720p/1080p: 820' (250m)	
Video format		NTSC, PAL, SECAM	
Maximum input		1Vp-p	
Impedance	Coax	75Ω@1MHz	
	RJ45	100Ω@1MHz	
Max. amperage		1A@24VAC	1A@12VDC/24VAC
Data Range		2,400' (800m)	
Fuse		1.5A max/CH	
Input power		110VAC	N/A

4-in-1 HD to HDMI Converter



HDMI

HD

Model Number

VC-3YAQ
HD to HDMI converter

NEW

Features

- Converts HD-TVI, CVI, AHD, and CVBS video to HDMI, VGA or composite output
- Built-in OSD to display input/output settings
- Loop output
- Picture in picture display

BNC to VGA Converter



Model Number

VC-3BAQ
1280x1024 (NTSC)

Specifications

Input signal	1.0Vp-p, 75Ω BNC Composite
Output signal	VGA: 0.7Vp-p RGB, 15 pin female D-sub
	1.0Vp-p, 75Ω BNC Composite
Current draw	800mA@5VDC
Maximum resolution	1280x1024
Power source	1A@5VDC, 2.5mm
Dimensions	3 ³ / ₈ "x3 ¹ / ₄ "x1 ¹ / ₁₆ " (85x83x27 mm)
Weight	7.2-oz (205g)

Features

- Converts almost any VGA monitor into a security monitor
- Video input auto-configure
- OSD (On-Screen Display) for programming special features
- Desktop, VESA, or wall mountable
- Output: 1280x1024 NTSC
- BNC pass through output
- Stores settings in case of power loss

VGA to BNC Converter



Model Number

VC-2VAQ
1024x768 (NTSC)

Specifications

Input signal	VGA
Output signal	VGA: 0.7 Vp-p RGB 15 pin female D-sub
	1.0Vp-p, 75Ω BNC Composite
Current draw	500mA@5VDC
Maximum resolution	1024x768
Power source	1A@5VDC, 2.5mm
Dimensions	4 ¹³ / ₁₆ "x3 ³ / ₁₆ "x1 ¹ / ₁₆ " (122x81x27 mm)
Weight	9.3-oz (265g)

Features

- Connect a DVR with VGA output to an existing monitor with BNC input
- Video standards: NTSC/PAL
- Auto configure resolution: Up to 1024x768 (up to 75Hz)
- Dual composite video (BNC) and VGA output ports
- Gold-plated BNC connector for longer life
- On-screen display (OSD) for image adjustments including size, brightness, contrast, hue, saturation, sharpness, and more
- Quick installation – no driver or operating system requirements

4-in-1 HD Ground Loop Isolator

VG-1C12YQ

NEW

- TVI / CVI / AHD / Analog compatible
- Built-in surge protection
- BNC Terminals for easy installation
- Passive operation - no external power required
- Reduces ground loop interference
- Prevents video-signal distortion, picture tearing, cross talk, and other picture quality problems

HD



HD-SDI Surge Protector

VS-1V22AQ

- Helps prevent damage to sensitive HD-SDI equipment such as cameras and DVRs
- Passive operation - no external power required
- Includes a 16" grounding wire for ground

HD



4-in-1 HD Video Surge Protector

VS-1V12YQ

NEW

- Helps prevent damage to sensitive HD-TVI, HD-CVI, HD-AHD, and Analog CCTV cameras, DVRs, and switches
- Intercepts repeated surges and spikes that could damage HD-TVI, HD-CVI, HD-AHD, and Analog CCTV equipment
- Passive operation – no external power required
- Includes a 16" grounding wire for convenient connection to ground

HD



PoE Surge Protector

IPV-P188Q

- Helps prevent damage to sensitive networking equipment
- RJ45 Jack to RJ45 jack
- Power and single line protection
- 10/100 Base-T Cat5/5e compatible
- Support mid-span PoE and end-span PoE
- 802.3af/at PoE compatible
- Includes a 16" grounding wire for ground



IP Surge Protector

IPV-PD88Q

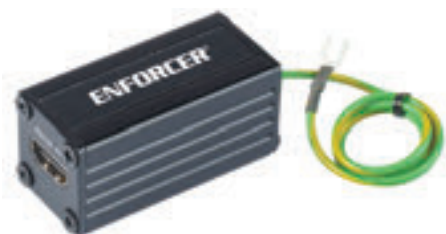
- Helps prevent damage to sensitive analog CCTV equipment such as cameras, monitors, DVRs, and video splitters
- Installs on Cat5e/6 4-pair UTP cable with RJ45 jacks
- Passive operation - No external power required
- Includes a grounding post



HDMI Surge Protector

VS-1AHHAQ

- Helps prevent damage to sensitive HDMI equipment such as players, monitors, and projectors.
- Intercepts repeated surges and spikes that could damage HDMI A/V equipment.
- Built-in ESD, EFT
- Passive operation - no external power required
- Includes a 12" grounding wire for ground



CCTV Connectors

Illuminated Power Connectors

CA-1610-3FLQ

- 2.1mm DC Plug with LED and 3' (0.9m) red/black wires, LED indicates power and polarity



PATERED

Illuminated Power Connectors

CA-1510-3FLQ

- 2.1mm DC jack with LED and 3' (0.9m) red/black wires, LED indicates power and polarity



PATERED

Illuminated Power Connectors

CA-1615-06LQ

- 2.1mm DC jack to 2.1mm DC plug with 6" (15cm) wire



PATERED

DC Connectors

EVA-F5521-3Q

- 2.1mm DC Plug pigtail connector with 3' (0.9m) red/black wire



DC Connectors

EVA-M5521-3Q

- 2.1mm DC Jack pigtail connector with 3' (0.9m) red/black wire



Weatherproof Housing

CH-1G1G-01WQ

- IP66 Weatherproof housing



NEW

DC Connectors

CA-161T

- 2.1mm DC Plug-to-terminal block



DC Connectors

CA-151T

- 2.1mm DC Jack-to-terminal block



NEW

DC Connectors

CA-161P

- 2.1mm DC Plug-to-terminal block (screwless)



DC Connectors

CA-151P

- 2.1mm DC Jack-to-terminal block (screwless)



DC Connectors

CA-1616Q

- 2.1mm DC Plug-to-plug adapter



DC Connectors

CA-1515Q

- 2.1mm DC Jack-to-jack adapter



DC Connectors

CA-1526-1F

- 2.1mm DC Jack-to-dual DC plug with 1' (3m) wires



Audio Connector

CA-1A1T

- 3.5mm Audio Plug-to-terminal block



BNC Connectors

CA-111P

- Male BNC-to-terminal block (screwless)



BNC Connectors

CA-121T

- Female BNC-to-terminal block



BNC Connectors

EVA-CB0R1Q

- BNC-to-RCA connector (gold-plated)



PoE Injector



Features

- Includes splitter and injector
- Works with all DC powered non-POE devices up to 50VDC
- Supports up to 100Mb/s networks
- Use existing Cat5e/6 wiring to extend power to non-PoE devices
- Plug & play installation
- For distances up to 328ft (100m)

Model Number

NJ-P101M-PQ
Basic PoE Splitter/Injector

NEW

Specifications

Transmission medium	Cat5e/6 UTP
Input voltage	≤50VDC
Transmission distance	328ft (100m) max
Transmission current	1A max
Working temperature	14°~158°F (-10°~70°C)
Storage temperature	-22°~158°F (-30°~70°C)
Humidity	0 to 95%
Dimensions	2 ¹ / ₁₆ "x1 ¹ / ₈ "x1 ³ / ₁₆ " (52x28x21 mm) With 5.9" (15cm cable)

PoE Repeater



Features

- Extends power and data beyond the normal limit of 328ft (100m)
- Standard PoE IEEE 802.3af compliant
- Installs on Cat5e/6 4-pair UTP cable with RJ45 jacks
- Supports 10/100/1000 BASE-T transmission rates
- Easy plug-and-play installation
- Passive operation – no external power required
- Auto-sensing for detecting PoE or non-PoE devices
- Built-in LED status indicators
- Sealed and fanless for increased reliability
- Compact, wall-mountable

Model Number

NR-P101FQ
802.3af Compliant

NEW

Specifications

Connector	In/Out	RJ45
Current draw	Standby	1.1W (23mA)
	@10Mbps	1.44W (30mA)
	@100/1000 Mbps	1.92W (40mA)
Transmission range	Single repeater	Up to 787ft (240m)
	Two repeaters	Up to 1,181ft (360m)
Max device power range with PoE switch	1st PoE Repeater	2nd PoE Repeater
	8.58W at 787ft (240m)	4.21W at 1,181ft (360m)
PoE	IEEE 802.3af Standard, 48V, 12.95W	
Data link	Pin 1/2, 3/6, 4/5, 7/8	
Power link	Pin 1/2 (+), 3/6 (-) End-Span	
Material	Aluminum	
Operating temperature	32°~131° F (0°~55° C)	
Dimensions	2 ⁵ / ₈ "x4 ⁵ / ₁₆ "x1 ¹ / ₁₆ " (67x110x27 mm)	
Weight	6.4 oz. (180g)	

Ethernet Extenders



Model Numbers

IPB-A1100Q*

Ethernet over Cat5e/6 cable

IPB-A1200Q*

Ethernet over Coax cable

Specifications

Model	IPB-A1100Q	IPB-A1200Q
Input	RJ-45	
Output	RJ-45	BNC
Voltage	5VDC (adapter included)	
Current draw (power supply)	750mA	
Link cable	Cat5 or better	RG59/U or better
Cat5e/6 cable	TIA/EIA—568-B	

Features

- Extends the range of IP cameras or any TCP/IP device beyond the 300ft (100m) limit of Ethernet
- Does not filter out any protocols, codes, or applications, ensuring compatibility with most IP cameras
- Status LEDs show power status, link status, and if the unit is set as a receiver
- Easy setup and installation
- Each kit includes one transmitter, one receiver, and two 5VDC power adapters
- Range:
 - IPB-A1100Q—Up to 3,900ft (1,200m)
 - IPB-A1200Q—Up to 5,900ft (1,800m)
- Ethernet speed: 10/100Base-T

*Special order item.

Passive Ethernet over Coax



Model Number

NE-SE01-020Q

Up to 650ft (200m)

Specifications

Type	Passive Ethernet Extender over Coax
Input connector	RJ-45
Output connector	BNC
Ethernet speed	10/100 Mbps
Standard	IEEE802.3 10Base-T
Operating temperature	-4°~158° F (-20°~70° C)
Dimensions (Excluding pigtail)	2 ³ / ₈ "x1 ¹ / ₈ "x3 ³ / ₁₆ " (60x29x20 mm)

Features

- 1 Channel Ethernet over coax
- 10 Mbps Full duplex
- Transmission distance: 650ft (200m)
- Link Cable: RG59/U or better
- Passive operation - no external power required
- Built-in surge protection
- Fast and easy to install
- Bidirectional – can operate as transmitter and receiver
- Sold as a set

Ethernet over Coax with PoE



Model Number

NE-AE01-030TQ

Up to 650ft (200m)

Specifications

Link Connection	BNC
Ethernet Connection	RJ45
Linking Cable	75Ω coax cable
Range	984ft (300m)
PoE mode setting	Mid-span/ End-span
LED indicator	Power (green)
Power	1.25W
Temperature	32°~131°F (0°~55°C)
Dimensions	2 ⁵ / ₈ "x3 ⁷ / ₁₆ "x1 ¹ / ₁₆ " (67x87x27mm)

Features

- Extends IP/PoE signal camera over coax
- Connects IP/PoE camera to 10/100BaseT PoE Injector/Switch over one coax cable.
- Supports PoE: IEEE802.3af/at
- Supports 10/100 Mbps transmission rate
- Power source from PoE Injector/ PoE Switch (order separately)

1-Channel RF Receivers



Features

- Five programmable relay output modes: 4-second momentary, 1-second momentary, toggle, latch, and validity
- Control garage doors, gates, house lights, alarm panels, or other devices via remote
- LED indicates RF transmission programming options and output modes
- One-button programming - no need to cut jumpers

Accessories

SK-91ERSD

Extended range antenna for 315MHz receivers

SK-93ERSD*

Extended range antenna for 433.92MHz receivers



*Special order item. Please contact **SECO-LARM®** for details.

Model Numbers

SK-910RBQ

315MHz

SK-910RB-4Q*

433.92MHz

Specifications

Model	SK-910RBQ	SK-910RB-4Q
Number of channels	1	
Operating frequency	315MHz	433.92MHz
Memory capacity	15 Transmitter button codes per channel	
Operating voltage	11~24 VAC/VDC	
Current draw	30mA@12VDC	
Relay rating	NO/NC/COM Relay, 10A@24VDC/120VAC	
Dimensions	3 1/8" x 2 9/16" x 1" (80x65x25 mm)	

Miniature 1-Channel RF Receivers



Features

- Control garage doors, gates, house lights, alarm panel, or other devices via remote
- Small size
- LED indicates RF transmission programming options and output modes

Accessories

SK-91ERSD

Extended range antenna (SK-910RAQ only)



Model Numbers

SK-910RAQ

3A relay, 11~24 VAC/VDC

SK-910RAVQ

5A Transistor ground, 3~13.8 VDC

Specifications

Model	SK-910RAQ	SK-910RAVQ
Number of channels	1	
Operating frequency	315MHz	
Memory capacity	15 Transmitter button codes per channel	
Operating voltage	11~24 VAC/VDC	3~13.8 VDC
Current draw	50mA@12VDC	15mA@12VDC
Output	NO/NC/COM Relay, 3A	Transistor ground, 5A
Dimensions	3 3/16" x 2 9/16" x 3/4" (80x65x19 mm)	

2-Channel RF Receivers



Model Numbers

SK-910RB2Q
315MHz

SK-910RB2-4Q
433.92MHz

Specifications

Model	SK-910RB2Q	SK-910RB2-4Q
Number of channels	2	
Operating frequency	315MHz	433.92MHz
Memory capacity	15 Transmitter button codes per channel	
Operating voltage	11~24 VAC/VDC	
Current draw	30mA@12VDC, per channel	
Relay rating	NO/NC/COM Relay, 10A@24VDC/120VAC	
Dimensions	3 1/8"x2 9/16"x1" (80x65x25 mm)	

Features

- Five programmable relay output modes: 4-second momentary, 1-second momentary, toggle, latch, and validity
- Control garage doors, gates, house lights, alarm panels, or other devices via remote
- LED indicates RF transmission programming options and output modes
- One-button programming - no need to cut jumpers

Accessories

SK-91ERSD

Extended range antenna for 315MHz receivers

SK-93ERSD

Extended range antenna for 433.92MHz receivers



Miniature 2-Channel RF Receiver



Model Number

SK-910RAV2Q
3A Transistor ground, 3~13.8 VDC

Specifications

Model	SK-910RAV2Q
Number of channels	2
Operating frequency	315MHz
Memory capacity	15 Transmitter button codes per channel
Operating voltage	3~13.8 VDC
Current draw	15mA@12VDC per channel
Output	Transistor ground, 3A
Dimensions	3 3/16"x2 9/16"x3/4" (80x65x19 mm)

Features

- Control garage doors, gates, house lights, alarm panel, or other devices via remote
- Small size
- LED indicates RF transmission programming options and output modes

3-Channel RF Receiver



Features

- Four programmable relay output modes: Timed (1~60 seconds), toggle, latch, and validity
- Control garage doors, gates, house lights, alarm panels, or other devices via remote
- LED indicates RF transmission programming options and output modes
- One-button programming - no need to cut jumpers

Accessory

SK-91ERSD
Extended range antenna for 315MHz receivers



Model Number

SK-910R3Q
315MHz

Specifications

Number of channels	3
Operating frequency	315MHz
Memory capacity	15 Transmitter button codes per channel
Operating voltage	11~24 VAC/VDC
Current draw	50mA@12VDC per channel
Relay rating	NO/NC/COM Relay, 10A@24VDC/120VAC
Dimensions	5 ⁵ / ₁₆ "x3 ¹⁵ / ₁₆ "x1 ¹ / ₈ " (135x100x28 mm)

4-Channel RF Receivers



Features

- Four programmable relay output modes: Timed (1~60 seconds), toggle, latch, and validity
- Control garage doors, gates, house lights, alarm panels, or other devices via remote
- LED indicates RF transmission programming options and output modes
- One-button programming - no need to cut jumpers

Accessories

SK-91ERSD
Extended range antenna for 315MHz receivers

SK-93ERSD
Extended range antenna for 433.92MHz receivers



Model Numbers

SK-910R4Q
315MHz

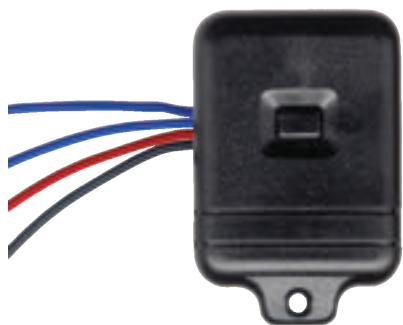
SK-910R4-4Q*
433.92MHz

Specifications

Model	SK-910R4Q	SK-910R4-4Q
Number of channels	4	
Operating frequency	315MHz	433.92MHz
Memory capacity	15 Transmitter button codes per channel	
Operating voltage	11~24 VAC/VDC	
Current draw	50mA@12VDC per channel	
Output	NO/NC/COM Relay, 10A@24VDC/120VAC	
Dimensions	5 ⁵ / ₁₆ "x3 ¹⁵ / ₁₆ "x1 ¹ / ₈ " (135x100x28 mm)	

*Special order item. Please contact **SECO-LARM®** for details.

Wired 1-Channel RF Transmitters



Model Numbers

SK-919TDWS-BU
315MHz

SK-939TDWS-BUQ*
433.92MHz

NEW

Accessories

SK-915BA
12VDC Alkaline
battery for pendant
transmitters



*Special order item.

Features

- Powered by internal battery or external 12VDC power source
- Use to make almost any security output wireless
- Over 68 billion possible codes
- LED Transmission indicator
- Included 12VDC alkaline battery
- Wiring:
 - Two wires for N.O. switch input
 - Two wires for 12VDC power input
- Dimensions:
2"x1½"x5/8" (50x38x15 mm)

RF Wireless RTE Transmitters



SD-8202GT-PEQ



SD-8103GT-PEQ



SD-862T-GWSQ

Model Number

SD-8202GT-PEQ
Wireless 2" square, illuminated
green pushbutton, SPDT

SD-8103GT-PEQ
Wireless square, illuminated green
pushbutton, DPST

SD-862T-GWSQ
Wireless 2" square,
green pushbutton

NEW

Accessories

SK-910RBQ
315MHz 1-Channel
RF receiver
(see page 76)



SK-910RAV2Q
315MHz Miniature
2-channel RF receiver
(see page 77)



SK-910R3Q
315MHz 3-Channel
RF receiver
(see page 78)



SK-910R4-4Q
433.92MHz 4-Channel
RF receiver
(see page 78)



Features

- SD-8202GT-PEQ:**
- Single-gang, stainless steel faceplate
 - For hard-to-wire installations
 - 2" Square illuminated pushbutton
 - Built-in RF transmitter (similar to SK-919TD1S-UPQ; see page 76-78 for compatible receivers)
- SD-8103GT-PEQ:**
- Slimline, stainless steel faceplate
 - For hard-to-wire installations
 - Illuminated pushbutton
 - Built-in RF transmitter (similar to SK-919TD1S-UPQ; see page 76-78 for compatible receivers)
- SD-862T-GWSQ:**
- Completely wireless and portable
 - Range of 160ft (50m)
 - Useful for hard-to-wire installations
 - Use in offices, factories, institutions, or residences
 - Desk mount or wall mount wireless RTE button
 - No exposed antenna
 - Singlegang faceplate
 - 2" Square pushbutton
 - Back box included
 - 9V Alkaline battery included
 - Compatible with SECO-LARM receivers (see pages 76-78)

RF Pendant Transmitters (Family)



Model Numbers

1-Button

SK-919TP1F-NUQ
315MHz, 1-Channel

SK-939TP1F-NUQ*
433.92MHz, 1-Channel

2-Button

SK-919TP2F-NUQ
315MHz, 3-Channel

SK-939TP2F-NUQ*
433.92MHz, 3-Channel

3-Button

SK-919TP3F-NUQ
315MHz, 7-Channel

SK-939TP3F-NUQ*
433.92MHz, 7-Channel

4-Button

SK-919TP4F-NUQ
315MHz, 15-Channel

SK-939TP4F-NUQ*
433.92MHz, 15-Channel

Features

- Over 68 billion (6.8×10^{10}) possible codes
- LED transmission indicator
- All transmitters are compatible with all SECO-LARM Receivers of the same frequency
- Includes 12VDC Alkaline battery
- Patented transmitter design

*Special order item. Please contact **SECO-LARM®** for details.

RF Handheld Transmitters



Model Numbers

1-Button

SK-919TP1H-BUQ
315MHz, 1-Channel

2-Button

SK-919TP2H-NUQ
315MHz, 3-Channel

4-Button

SK-919TP4H-NUQ
315MHz, 15-Channel

Accessories

X-930-096
3VDC Lithium battery,
CR2032



SK-9HBC
Belt-clip holster/
wall-mount bracket for
handheld transmitters



Features

- Operates up to 500ft
- Over 68 billion (6.8×10^{10}) possible codes
- LED transmission indicator
- Includes two 3VDC lithium batteries
- All transmitters are compatible with all SECO-LARM receivers of the same frequency
- Visor clip and belt clip included. Belt Clip Holster/ Wall Mount Switch also available (Model SK-9HBC)
- Slim-line design: $3\frac{1}{2} \times 2\frac{3}{16} \times \frac{1}{2}$ " (89x56x12 mm)

RF Pendant Transmitters



Model Numbers

1-Button

SK-919TD1S-UPQ

315MHz, 1-Channel

SK-919TT1S-BU

315MHz, 1-Channel

SK-939TS1S*

433.92MHz, 1-Channel

2-Button

SK-919TD2A-UPQ

315MHz, 3-Channel

SK-917T2A-UQ

315MHz, 3-Channel

SK-939TS2A-PQ

433.92MHz, 3-Channel

3-Button

SK-919TP3JRUQ

315MHz, 7-Channel

4-Button

SK-919TP4J-NUQ

315MHz, 15-Channel

SK-917TP4J-NUQ

315MHz, 15-Channel

SK-939TS4J-NU*

433.92MHz, 15-Channel

Accessories

SK-915LP

Leather pouch for 1 button transmitters



SK-915BA

12VDC Alkaline battery for pendant transmitters



Features

- Over 68 billion (6.8×10^{10}) possible codes
- LED Transmission indicator
- Includes 12VDC alkaline battery
- All transmitters are compatible with all SECO-LARM Receivers of the same frequency

SK-919TT1S-BU Only:

- Coding is done by flipping trinary DIP switches. 59,049 combinations
- Use for "block coding" or simple matching of an existing transmitter

SK-917T2A-UQ Only:

- Patented CODEBUMP™ anti-codegrabbing technology changes the transmitter's code to one of 18 quintillion possible codes every time the transmitter button is pressed

SK-917TP4J-NUQ Only:

- Patented CODEBUMP™ anti-codegrabbing technology changes the transmitter's code to one of 18 quintillion possible codes every time the transmitter button is pressed

OEM/ODM/Private Label Available



FCC Certified

- Convert your product to wireless control
- All products are FCC or CE certified to bring your product to market faster
- Contact SECO-LARM for more info



*Special order item. Please contact **SECO-LARM®** for details.

Twin Photobeam Detectors



PATENTED

Features

- Twin beams provide reliable perimeter security, minimizing false alarms from falling leaves, etc.
- Lensed optics reinforce beam strength and provide excellent immunity to false alarms due to rain, snow, mist, etc.
- Weatherproof, sunlight-filtering case for indoor and outdoor conditions
- Automatically adjusts beam strength to compensate for different weather conditions
- Automatic input power filtering with special noise rejection circuitry
- NO/NC Alarm output
- N.C. Tamper circuit included
- Non-polarized power inputs
- Built-in laser alignment system for quick, easy installation
- Adjustable interrupt time (50~700 ms)
- "U" Brackets included for pole mounting

E-964-D390Q Only:

- Multi-frequency (four channels selectable) to reduce interference between multiple units for more flexible installation options

Specifications

Model		D90Q	D190Q	D290Q	D390Q
Number of beams		2			
Number of frequencies		1			4
Sensing range	Outdoor	90' (30m)	190' (60m)	290' (90m)	390' (120m)
	Indoor	190' (60m)	390' (120m)	590' (180m)	790' (240m)
Response time		50~700 ms (Programmable)			
LEDs	Green	Good beam signal, properly aligned, connected to power			
	Yellow	Poor beam signal			
	Red	No beam signal, triggered			
Operating voltage		10~30 VAC/VDC			
Current draw (max.)		64mA@12VDC	70mA@12VDC	74mA@12VDC	88mA@12VDC
Alignment laser		Wavelength: 650nm/Output power: ≤5mW			
Alarm output		NO/NC Relay, 1A@120VAC			
Tamper output		N.C. Switch, 1A@120VAC			
IP Rating		IP55			
Alignment angle		Horizontal: ±90°, Vertical: ±5°			
Operating temperature		-13°~131° F (-25°~55° C)			
Dimensions		6 ¹³ / ₁₆ "x2 ¹⁵ / ₁₆ "x2 ⁷ / ₈ " (173x74x72 mm)			
Weight		2.5-lb (1.1kg)			

Model Numbers

E-960-D90Q

Range: 90ft (30m) outdoor
190ft (60m) indoor

E-960-D190Q

Range: 190ft (60m) outdoor
390ft (120m) indoor

E-960-D290Q

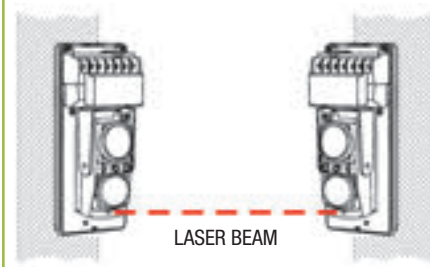
Range: 290ft (90m) outdoor
590ft (180m) indoor

E-964-D390Q

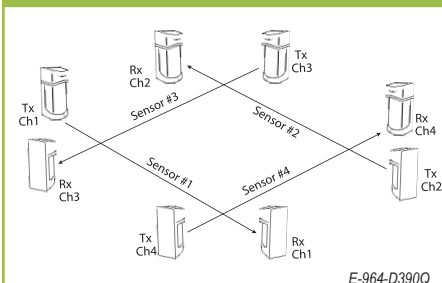
Range: 390ft (120m) outdoor
790ft (240m) indoor

Laser Beam Alignment

Alignment is now easier than ever with our laser beam alignment system.



Multi-frequency to reduce interference



E-964-D390Q

E-960-D90GQ



The E-960-D90GQ is ETL Listed and conforms to UL325-2016. For details please see page 87

Quad Photobeam Detectors



Model Numbers

E-964-Q165Q

Range: 165ft (50m) outdoor
330ft (100m) indoor

E-964-Q330Q

Range: 330ft (100m) outdoor
660ft (200m) indoor

E-964-Q495Q

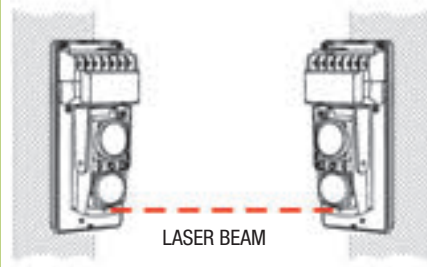
Range: 495ft (150m) outdoor
990ft (300m) indoor

E-964-Q660Q

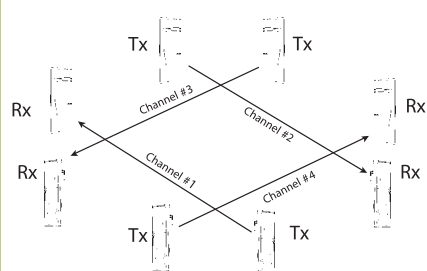
Range: 660ft (200m) outdoor
1,320ft (400m) indoor

Laser Beam Alignment

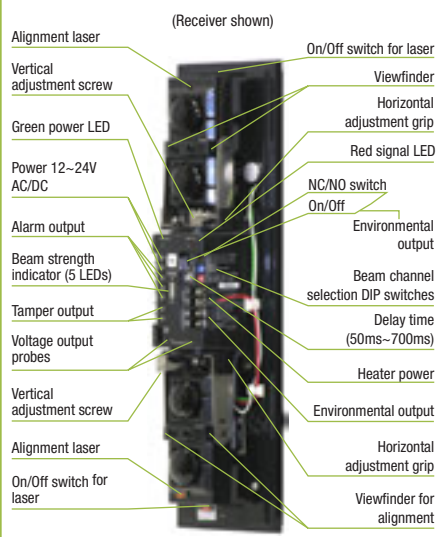
Alignment is now easier than ever with our laser beam alignment system.



Multi-frequency to reduce interference



Overview



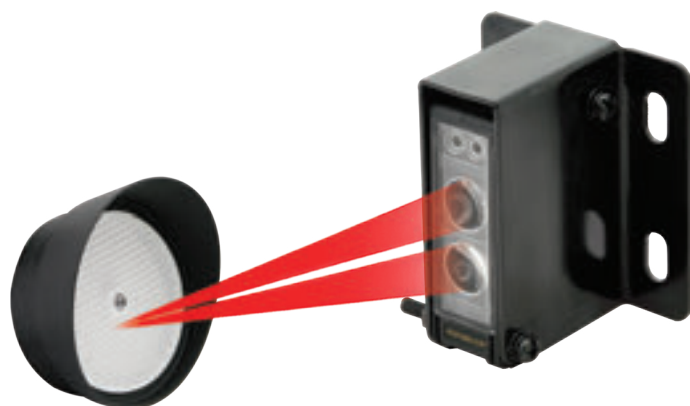
Features

- Multi-frequency (four channels selectable) to reduce interference between multiple units for more flexible installation options
- Lensed optics reinforce beam strength and provide excellent immunity to false alarms due to rain, snow, mist, etc.
- Weatherproof, sunlight-filtering case for indoor and outdoor conditions
- Built-in heater
- Automatically adjusts beam strength to compensate for different weather conditions
- Automatic input power filtering with special noise rejection circuitry
- Non-polarized power inputs
- Built-in laser alignment system for quick, easy installation
- Buzzer sound (beep sound) for beam alignment

Specifications

Model		Q165Q	Q330Q	Q495Q	Q660Q
Number of beams		4			
Number of frequencies		4 (selectable)			
Sensing range	Outdoor	165' (50m)	330' (100m)	495' (150m)	660' (200m)
	Indoor	330' (100m)	660' (200m)	990' (300m)	1,320' (400m)
Response time		50~700 ms (Programmable)			
LEDs	Green	Good beam signal, properly aligned, connected to power			
	Red	Improper alignment, triggered			
	5 LED Indicators	Indicate signal strength from high to low			
Operating voltage		12~24 VAC/VDC			
Current draw (max.)		260mA	270mA	280mA	290mA
Alignment laser		Wavelength: 650nm/Output power: ≤5mW			
Alarm output		NO/NC/COM Relay, 1A@125VAC/1A@24VDC			
Tamper output		N.C. Switch, 1A@120VAC			
IP Rating		IP55			
Alignment angle		Horizontal: ±90°, Vertical: ±15°			
Operating temperature		-13°~131° F (-25°~55° C)			
Dimensions		15 ¹ / ₄ "x4 ⁷ / ₁₆ "x4 ¹¹ / ₃₂ " (387x113x110 mm)			
Weight		5.7-lb (2.6kg)			

45ft Reflective Beam Sensor



UL 325
2016
Compliant

Model Number

E-936-S45RRGQ
Range: 45ft (14m), ETL

NEW

Accessories

E-931ACC-BLS6Q
Single-gang,
flush-mount bracket



E-931ACC-BLS7Q
L-Bracket for side
mounting



E-931ACC-BLS8Q
Wall or door frame
bracket



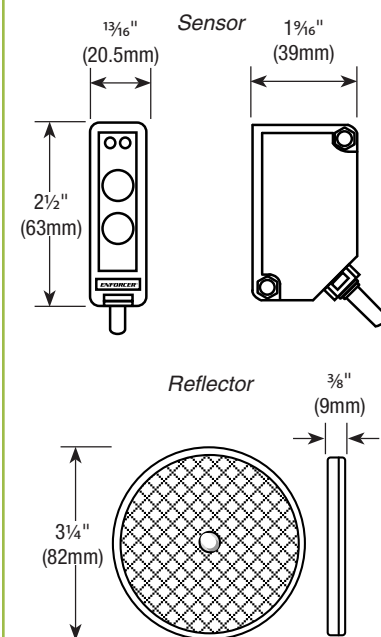
Features

- Typical applications include garage doors, outdoor gates, overhead doors, and entry detection
- Up to 45ft (14m) sensing range
- 10ms Response time
- Pre-wired 6ft (1.8m) cord
- Adjustable sensing range
- Light-On Operation
- 12-30V DC/AC 60Hz, 100mA
- Weatherproof (IP66) construction for indoor and outdoor use
- Sensor, 3" round reflector, sensor hood, and mounting hardware included
- Monitored Output
 - N.C.
 - 10kΩ Resistor

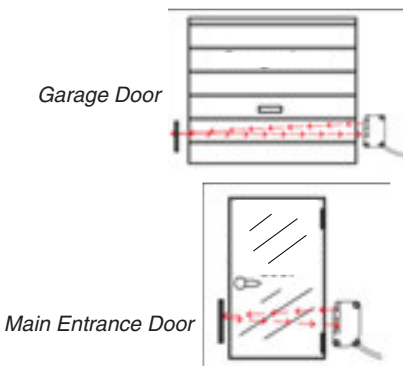
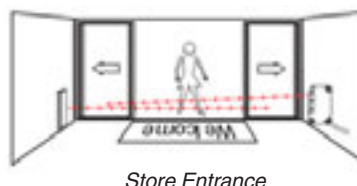
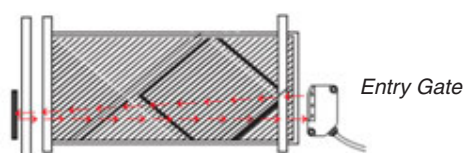
Specifications

Type	Reflective photoelectric beam sensor	
Number of beams	1	
Sensing range	0.5'~45' (0.1~14 m)	
Response time	10ms	
LEDs	Yellow	Good beam signal, properly aligned
	Red	Power
Operating voltage	12-30V DC/AC 60Hz, 100mA	
Current draw (max.)	70mA@12VDC	
Alarm output	SPDT Relay output (NO/NC/COM, with built-in 10kΩ resistor on N.O. output), 2A@30VAC/VDC	
IP Rating	IP66	
Operating temperature	-4°~131° F (-20°~55° C)	

Dimensions



Sample Installations



35ft Reflective Beam Sensor



UL 325
2016
Compliant

Model Number

E-936-S35RRGQ*
Range: 35ft (11m), ETL

E-931-S35RRQ
Range: 35ft (11m)

NEW

Accessories

E-931ACC-HR1Q
Hood for
E-931ACC-RC1Q



E-931ACC-RC1Q
3" (76mm) Round
reflector



E-931ACC-BLS6Q
Single-gang,
flush-mount bracket



E-931ACC-BLS7Q
L-Bracket for side
mounting



E-931ACC-BLS8Q
Wall or door frame
bracket



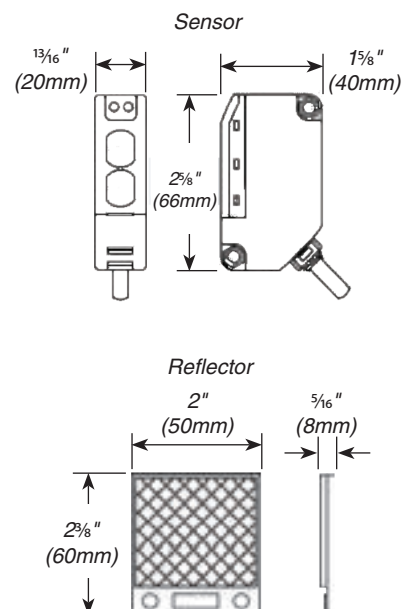
Features

- Typical applications include garage doors, outdoor gates, or overhead doors
 - Up to 35ft (11m) sensing range
 - 10ms Response time
 - Weatherproof (IP66) construction for indoor and outdoor use
 - Pre-wired 6ft (1.8m) cord
 - Sensor, 2" square reflector, and mounting hardware include
- E-936-S35RRGQ:**
- Light-on operation
 - 12-30V DC/AC 60Hz, 100mA
 - Monitored Output
 - N.C.
 - 10kΩ Resistor
- E-931-S35RRQ:**
- Dark-on operation
 - 12~240 VDC/24~240 VAC, NO/NC output

Specifications

Model	E-936-S35RRGQ	E-931-S35RRQ
Type	Retro-Reflective photoelectric beam sensor	
Number of beams	1	
Sensing range	0.5'~35' (0.2~11 m)	
Response time	10ms (Max.)	
LEDs	Yellow	Good beam signal, properly aligned
	Red	Power on, triggered off
Operating voltage	12-30V DC/24~30V AC 60Hz, 83mA	12~240 VDC/24~240 VAC
Current draw (max.)	60mA@12VDC, 20mA@24VDC	40mA@12VDC, 20mA@24VDC
Alarm output	SPDT Relay output (NO/NC/COM), 2A@30 VAC/VDC	SPDT Relay output (NO/NC/COM), 2A@30VDC/1A@250VAC
IP Rating	IP66	
Operating temperature	-4°~131° F (-20°~55° C)	

Dimensions



Also Available from SECO-LARM



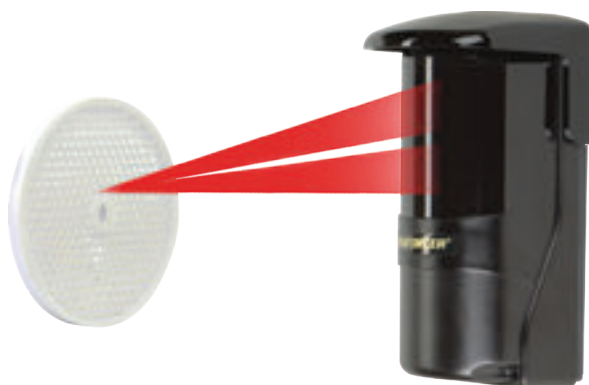
E-931CS22RFCQ
Wireless entry alert system



E-931CS22RRCQ
Entry alert system

For more information on entry alert systems, please see page 120

50ft Reflective Beam Sensor



Conforms to UL325-2016

UL 325
2016
Compliant

Features

- Typical applications include: Garage doors, outdoor gates, or overhead doors
- Housing designed to prevent condensation
- Up to 50ft (15m) sensing range
- 10ms Response time
- Tamper output will trigger an alarm if the sensor's cover is removed
- 12-30V DC/AC 60Hz, 100mA
- Light-On Operation
- Weatherproof (IP55) construction for indoor/outdoor use
- Sensor, 3-inch round reflector, reflector and sensor hood, and mounting hardware included
- Terminal block wiring for added convenience
- Monitored Output
 - N.C.
 - 10kΩ Resistor

Model Number

E-931-S50RRGQ
Range: 50ft (15m), ETL

NEW

Accessory

E-931ACC-HR1Q
Hood for
E-931ACC-RC1Q



Specifications

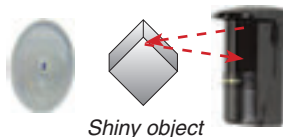
Number of beams		1
Sensing range		50ft (15m)
Response time		10ms
LEDs	Solid green	Good beam signal, properly aligned
	Alternating flash	Poor beam signal
	Solid red	No beam signal, triggered
Operating voltage		12-30V DC/AC 60Hz, 100mA
Current draw (max.)		55mA@12VDC, 40mA@24VDC
Alarm output		SPDT Relay output, 500mA@30 VAC/VDC
Tamper output		N.C. Switch, 500mA@30 VAC/VDC

33ft Polarized Reflective Beam Sensor



UL 325
2016
Compliant

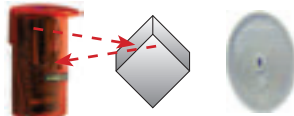
Non-Polarized Sensor:



Shiny object

Non-polarized sensor is **NOT** triggered by shiny object which reflects beam but changes polarization.

Polarized Sensor:



Polarized sensor **IS** triggered by shiny object due to detection of changed polarization of beam.



Conforms to UL325-2016

Features

- Typical applications include garage doors, outdoor gates, or overhead doors
- Polarized sensor is immune to shiny objects, triggers when correctly reflected light is detected
- Tamper output will trigger an alarm if the sensor's cover is removed
- Weatherproof (IP55) construction for indoor and outdoor use
- Light-On Operation
- Housing designed to prevent condensation
- 10ms Response time
- Terminal block wiring for added convenience
- Sensor, 3" round reflector, sensor hood, and mounting hardware included
- Monitored Output
 - N.C.
 - 10kΩ Resistor

E-931-S33PRGQ
Range: 33ft (10m), ETL

NEW

Accessory

E-931ACC-HR1Q
Hood for
E-931ACC-RC1Q



Specifications

Number of beams		1
Sensing range		33ft (10m)
Response time		10ms
LEDs	Green	Good beam signal, properly aligned
	Red	No beam signal, triggered
Operating voltage		12-30V DC/AC 60Hz, 100mA
Current draw (max.)		55mA@12VDC, 40mA@24VDC
Alarm output		SPDT Relay output, 500mA@30 VAC/VDC
Tamper output		N.C. Switch, 500mA@30 VAC/VDC

Twin Photobeam Detector



Conforms to UL325-2016

UL 325
2016
Compliant

PATENTED

Model Number

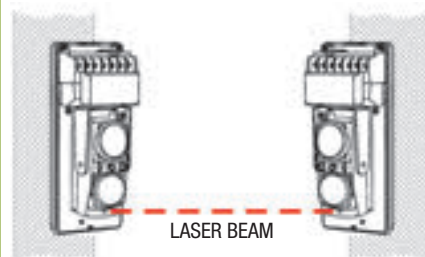
E-960-D90GQ

Range: 90ft (30m) outdoor
190ft (60m) indoor, ETL

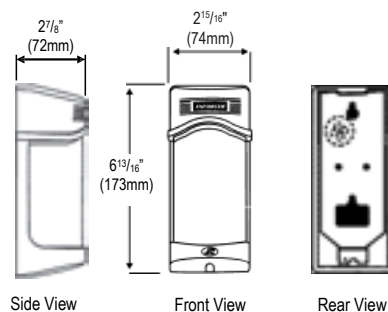
NEW

Laser Beam Alignment

Alignment is now easier than ever with our laser beam alignment system.



Dimensions



Features

- Twin beams provide reliable perimeter security, minimizing false alarms from falling leaves, etc.
- Lensed optics reinforce beam strength and provide excellent immunity to false alarms due to rain, snow, mist, etc.
- Weatherproof, sunlight-filtering case for indoor and outdoor conditions
- Automatically adjusts beam strength to compensate for different weather conditions
- Light-On Operation
- Automatic input power filtering with special noise rejection circuitry
- NO/NC Alarm output
- N.C. Tamper circuit included
- Non-polarized power inputs
- Built-in laser alignment system for quick, easy installation
- Adjustable interrupt time (50~700 ms)
- "U" Brackets included for pole mounting
- Monitored Output
 - N.C.
 - 10kΩ Resistor

Specifications

Model	E-960-D90GQ	
Max Range	Outdoor	90' (30m)
	Indoor	190' (60m)
Current (Max)	150mA	
Power	12-30V DC/AC 60Hz, 200mA (non-polarized)	
Interrupt speed	10ms	
Trigger output	SPDT NO/NC/COM relay, 1A@30 VAC/VDC	
Tamper output	N.C. switch, 1A@30 VAC/VDC	
LEDs	Red	ON indicates transmitter and receiver not aligned or beam is broken
	Yellow	On indicates weak receiver signal or beam is broken
	Green	ON indicates unit connected to power
Laser wavelength	650nm	
Laser output power	≤5mW	
Alignment angle	Horizontal: ±90°, vertical: ±5°	
Operating temperature	-13°~131° F (-25°~55° C)	
Weight	2.5-lb (1.1kg)	

ETL UL 325-2016 Compliant Sensors

E-936-S35RRGQ Up to 35ft (11m)



For more information
see pg. 85

E-936-S45RRGQ Up to 45ft (14m)



For more information
see pg. 84

E-931-S33PRGQ Up to 33ft (10m)



For more information
see pg. 86

E-931-S50RRGQ Up to 50ft (15m)



For more information
see pg. 86

50ft Large Reflective Beam Sensor



Features

- Typical applications include: Garage doors, outdoor gates, overhead doors, or manufacturing lines
- Large sensor with patented design and large reflector for a large sensing area and easier alignment
- Up to 50ft (15m) sensing range
- Response time adjustable from 50~700 ms
- 12~250 VAC/VDC Operation
- Tamper output will trigger an alarm if the sensor's cover is removed
- Weatherproof construction for indoor or outdoor use (IP55)
- Sensor, large reflector, sensor and reflector hoods, and mounting hardware included
- Terminal block wiring for added convenience

Model Number

E-931-S50RRLQ
Range: 50ft (15m)

Specifications

Number of beams		1
Sensing range		50ft (15m)
Response time		50~700 ms (Programmable)
LEDs	Green	Power
	Yellow	Poor beam signal
	Red	No beam signal, triggered
Operating voltage		12~250 VAC/VDC
Current draw (max.)		100mA@12VDC
Alarm output		NO/NC Relay, 0.5A@120VAC, min. 1s
Tamper output		N.C. Switch, 0.5A@30VDC
IP Rating		IP55
Alignment angle		Horizontal: ±90°, Vertical: ±5°
Operating temperature		-13°~131° F (-25°~55° C)

Miniature Single Photobeam Sensors



E-961-S50TB



E-964-S50TB

Features

- Built-in AGC control to filter out lighting disturbances
 - Sensor range up to 50ft (15m)
 - LED indicators for power, signal strength, and trigger
 - Small size for a less conspicuous installation
 - Signal strength indicator for easier alignment
 - Dimensions 3"x1¹⁵/₁₆"x1³/₁₆" (76x48x30 mm)
 - Simple to install
 - Weatherproof for indoor or outdoor use (IP65)
 - Mounting hardware included
- E-964-S50TB Only:**
- Four selectable beam frequencies to reduce interference
 - Dimensions 3¹/₁₆"x2³/₈"x1¹³/₁₆" (94x60x46 mm)

Model Numbers

E-961-S50TB
Range: 50ft (15m)

E-964-S50TB
Range: 50ft (15m) Multi-Frequency

Specifications

Model	E-961-S50TB	E-964-S50TB
Range	Up to 50ft (15m)	
No. of Beam Channels	Single infrared beam	
No. of Beam Frequencies	1	4
Input Power	10~24 VDC	
Current draw	Tx	15mA@12VDC
	Rx	30mA@12VDC
Infrared LED Wavelength	940nm	
Relay Output	NO/NC relay (set by jumper), 0.5A@30VAC/VDC	
Interrupt Speed	50ms	
LED Indicators	Power, Signal Strength, Triggered	

NEW

NEW

Loop Detector



Model Number

LD-1123-PQ
12~24 VAC/VDC

NEW

Specifications

Operating voltage		12~24 VAC/VDC
Loop induction range		20~1500 uH
Sensitivity		0.02%~0.2% (7 levels)
Reaction time		50ms
LEDs	Red	Power indicator
	Green	Status indicator
Operating voltage		12~24 VAC/VDC
IP Rating		IP65
Operating temperature		-40°~176° F (-40°~80° C)

Accessory

LD-ACC-WH

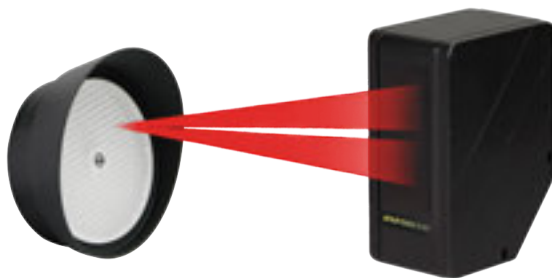
Wiring harness
is also available
in place of the
terminal block



Features

- Single loop input
- ABS / Aluminum housing
- 7 adjustable sensitivity settings
- 2 relays: presence or pulse/fault
- 11-pin connector
- Power-on automatic reset and manual reset functions available
- Auto sensitivity boost when vehicle detected (selectable)
- Tunable operation frequency
- Two presence modes: limited or permanent
- Dimensions:
3 1/16" x 1 1/2" x 3 1/8" (78x38x80 mm)

50ft Reflective "Pulse" Sensor



Model Number

E-939-S50RHGQ
Range: 50ft (15m)

NEW

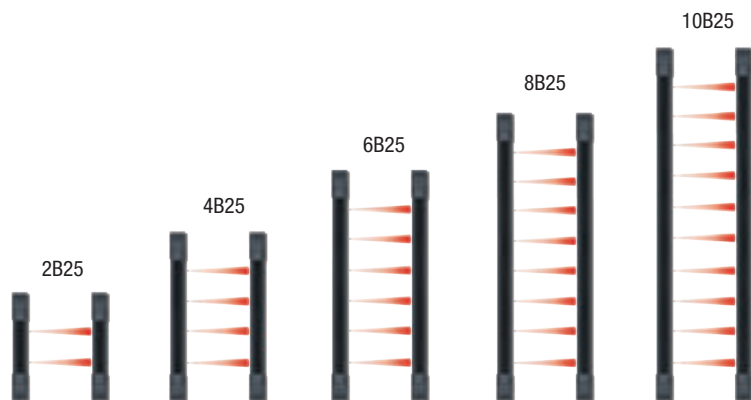
Specifications

Type	Retro-reflective photoelectric beam sensor	
Sensing adjustment	Potentiometer	
Response time	10ms	
LEDs	Yellow	Good beam signal, properly aligned
	Red	Power
Operating voltage	12~30 VAC/VDC 60Hz, 120mA	
Current draw (max.)	120mA	
Mode selection switch	Relay output, pulsed (3 frequency), pulsed (2 frequency)	
Relay output operation	Light On/Dark On	
Alarm output	Form C relay (NO/NC/COM), 1A@24VDC	
Resistive termination	10K ohm (switch selectable)	
Power protection	Resistive fuse	
IP Rating	IP66	
Operating temperature	-4°~131° F (-20°~55° C)	

Features

- Multimode sensor with 10K, N.C., and pulse/heartbeat monitoring
- Large sensor with patented design and large reflector for a large sensing area and easier alignment
- Up to 50ft (15m) sensing range
- Dual-color LED alignment
- Form C relay: NO/NC/COM, 1A@24VDC
- Adjustable sensor range
- Weatherproof construction for indoor/outdoor use (IP66)
- Sensor, large reflector, and reflector hood included
- Monitored output: N.C., 10kΩ resistor, pulse (2 or 3 Frequency)
- Pre-wired 6ft (1.8m) cord

Curtain Sensors



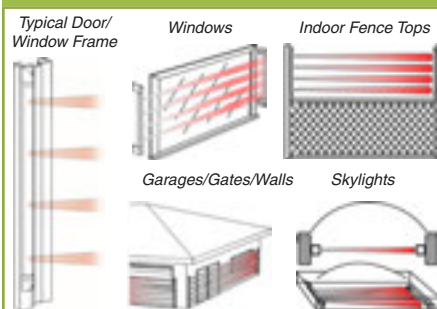
Features

- 50ft (16m) Indoor, 25ft (8m) Outdoor
- Multi-frequency to reduce interference between multiple units
- Install on windows, doorways, skylights, fence tops, and any place where space is limited
- Perfect for indoor and outdoor perimeter security
- Slimline design – 1⁵/₁₆" x 7⁷/₈" (33x22 mm)
- Rugged aluminum construction
- NO/NC Relay output
- No synchronizing wires required
- 2, 4, 6, 8, or 10 separate photoelectric beam sensors; programmable trigger upon breaking of any single beam or simultaneous breaking of any two adjacent beams
- Anti-tamper circuit for use when power is cut or end cap is removed
- LED alignment indicator
- L-brackets and mounting hardware included

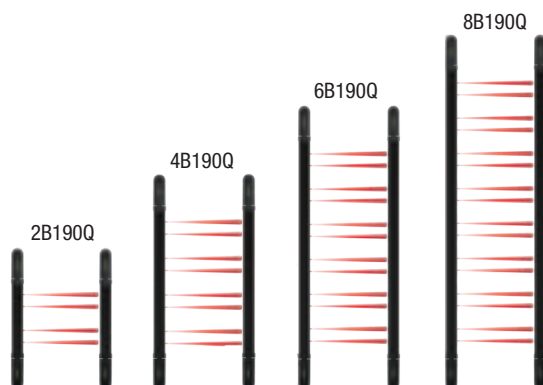
Model Numbers

- E-9611-2B25**
2 Beams, 11¹/₄" (29cm) long, black
- E-9622-4B25**
4 Beams, 22¹/₂" (57cm) long, black
- E-9622-4W25**
4 Beams, 22¹/₂" (57cm) long, white
- E-9644-6B25**
6 Beams, 44¹/₂" (113cm) long, black
- E-9644-6W25**
6 Beams, 44¹/₂" (113cm) long, white
- E-9660-8B25**
8 Beams, 60¹/₂" (153cm) long, black
- E-9680-10B25**
10 Beams, 79" (201cm) long, black

Applications



Long-Range Barrier Sensors



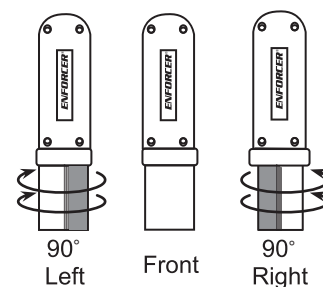
Features

- Long sensor range up to 190ft (60m) outdoors, 380ft (120m) indoors
- Programmable response time (150/300/450/600 ms)
- Built-in heater (activates at 41°F (5°C))
- LED and buzzer alignment indicators
- For indoor or outdoor perimeter security
- Programmable immediate trigger on simultaneous breaking of beams, or trigger after a single pair of beams is broken for at least 2 seconds
- Programmable for 4 different frequencies to reduce interference between multiple units
- Built-in tamper switches
- No synchronizing wires required for alignment
- Form C relay output
- Terminal block wiring
- AGC (Auto Gain Control) Circuits regulate beams to ensure operation in rain, fog, and low-temperature

Model Numbers

- E-9626-2B190Q**
2 Beam pairs, 26" (66cm) long
- E-9643-4B190Q**
4 Beam pairs, 43" (109cm) long
- E-9661-6B190Q**
6 Beam pairs, 61" (155cm) long
- E-9679-8B190Q**
8 Beam pairs, 79" (201cm) long

Swivel Housing



Each sensor is built with a swivel housing for flexible installations and simple alignment. To use, twist the beams up to 90°.

Flush-Mount Photobeam Detectors



Features

- Typical applications include entrances, hallways, or rooms in offices or homes
- Attractive flush-mount design fits unobtrusively into the decor of most offices, retail shops, or homes
- Fits a single-gang box
- Alignment LEDs make installation and setup quick and easy

Model Numbers

E-932-D33TBQ
Range: 33ft (10m)

Specifications

Model	E-932-D33TBQ
# Of beams	2
Sensing range	33' (10m)
Response time	10ms
Operating voltage	12~18 VDC
Alarm output	1A@120VAC/VDC
Alignment angle	Horizontal: $\pm 15^\circ$, Vertical: $\pm 15^\circ$
Dimensions	4 $\frac{3}{4}$ "x2 $\frac{3}{4}$ "x1 $\frac{1}{2}$ " (120x70x38 mm)

IR Proximity Sensor



Features

- Triggers when device is removed from or entered into detection range
- Place objects on sensor, sensor triggers when object is removed
- N.O. or N.C. Operation

Model Number

CS-PD115-PAQ

Specifications

Sensing range		2"~6" (5~15 cm)
LEDs	Red	Standby
	Green	Triggered
Alarm output		1A@30VDC
Output time		1~20 sec or Toggle
Operating life		100,000 Hours or 1,000,000 uses
Dimensions		1 ³ / ₈ "x ⁷ / ₈ "x ⁷ / ₈ " (35x23x23 mm)

Optional Accessories for Sensors

E-931ACC-BLS6Q

Single-gang flush-mount bracket



- For use with:
- E-936-S35RRGQ
 - E-936-S45RRGQ
 - E-931-S35RRQ

E-931ACC-R2Q

2" square reflector



- For use with:
- All reflective sensors

E-931ACC-RL1

3" square reflector



- For use with:
- All reflective sensors

E-931ACC-BLS7Q

L-bracket for side mounting



- For use with:
- E-936-S35RRGQ
 - E-936-S45RRGQ
 - E-931-S35RRQ

E-931ACC-RC1Q

3" round reflector



- For use with:
- All reflective sensors

E-931ACC-HR1Q

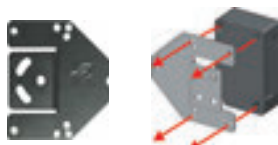
2" Square or 3" round reflector hood



- For use with:
- E-931-S35RRQ
 - E-936-S35RRGQ
 - E-931-S50RRGQ
 - E-931-S33PRGQ

E-931ACC-BLS8Q

Wall or door frame bracket



- For use with:
- E-931CS22RFCQ
 - E-931CS22RRCQ
 - E-936-S35RRGQ
 - E-936-S45RRGQ
 - E-931-S35RRQ

E-931ACC-HR1

3" Round or 3" square reflector hood



- For use with:
- E-931-S50RRGQ
 - E-931-S33PRGQ

Xenon Tube Strobe Lights



Model Numbers

SL-126Q

12VDC Operation, UL listed

SL-126-A24Q*

24VDC Operation

Accessories

SL-126LQ/x

Replacement Lens

- SL-126LQ/A – Amber
- SL-126LQ/B – Blue
- SL-126LQ/C – Clear
- SL-126LQ/G – Green
- SL-126LQ/R – Red



SL-1901-DAQ

Conduit drop bracket, can be used with SL-1901-JAQ



SL-1901-JAQ

Conduit box bracket, can be used with SL-1901-DAQ



Optional Conduit Mounting Brackets

- The conduit box and conduit drop bracket are interchangeable
- Compatible with all SL-126 and SL-1301 Series strobe lights



Conduit drop bracket only



Conduit box only



Conduit drop bracket with conduit box

Protective Inner Cover

The SECO-LARM strobe light comes with a protective inner cover. This protects the high-voltage xenon tube when the colored lens has been removed.



Features

- For "informative" general signaling requirements
- Incorrect polarity cannot damage circuit or draw current
- Easy 2-wire installation, regardless of voltage. Also, if the strobe light is being powered by a battery, as the battery is drained the strobe light will continue to function
- Low current consumption with long operating lifespan of over 300 continuous hours (2,000,000 flashes)
- Includes choice of amber, blue, clear, green, or red lens
- Lens is made of high-impact resistant acrylic, case of high-impact resistant ABS plastic.
- The SECO-LARM strobe light comes with a protective inner cover. This protects the high-voltage xenon tube when the colored lens has been removed

Specifications

Model	SL-126Q	SL-126-A24Q
Operating voltage	6~12 VDC	6~24 VDC
Current draw	200mA@12VDC	150mA@24VDC
Flash rate	90/min@12VDC	100/min@24VDC
Brightness	100,000 Candle power	
Electrical protection	Reverse-polarity protected	
Operating life	Over 300 continuous hours (2,000,000 flashes)	
Operating temperature	-22°~140° F (-30°~60° C)	
Base	High-impact black ABS	
Lens	High-impact acrylic	
Dimensions	3 ¹⁵ / ₁₆ "x2 ²⁹ / ₃₂ " (100x74mm)	

Ordering Information

Color	SL-126Q	SL-126-A24Q	Replacement Lens
Amber	SL-126Q/A	SL-126-A24Q/A	SL-126LQ/A
Blue	SL-126Q/B	SL-126-A24Q/B	SL-126LQ/B
Clear	SL-126Q/C	SL-126-A24Q/C	SL-126LQ/C
Green	SL-126Q/G	SL-126-A24Q/G	SL-126LQ/G
Red	SL-126Q/R	SL-126-A24Q/R	SL-126LQ/R

*SL-126-A24Q is not UL listed

LED Strobe Lights



LED

Model Numbers

SL-1301-EAQ

12 LEDs, 6~12 VDC

SL-1301-BAQ

32 LEDs, 9~12 VDC, 12VAC

SL-1301-SAQ

54 LEDs, 10~24 VAC/VDC, siren

Flashing Patterns

Description	Top View
Strobe LEDs flash on and off continuously. (Default setting)	
Rotate Clockwise Light rotates clockwise in a circular fashion continuously. (Beacon)	
Steady ON All LEDs stay on. Ideal for continuous lighting applications.	
Flash with Progressive ON LEDs turn on progressively clockwise until all LEDs are lit (sweep), and then turn off.	
Rotate Back and Forth LED groups light up one at a time, rotating clockwise and counterclockwise.	
Flash with Progressive ON/OFF LEDs turn on progressively clockwise (sweep), then turn off progressively counterclockwise.	

Features

- Utilizes 12 high-intensity LEDs
- Operating life over 50,000 hours (over 5.7 years)
- Same size as the SL-126Q strobe light
- Simple 2-wire installation
- High-impact resistant case
- High-impact and heat-resistant lens
- Reverse polarity protection
- Visible in all directions
- 5 weather resistant lens covers available

BAQ series also includes all features of the EAQ plus:

- 5 Vertical LED strips (32 LEDs total) increase visibility from various directions
- 6 different flashing options
- Adjustable flashing speed
- Backup battery available for continuous lighting application

SAQ series also includes all features of the BAQ plus:

- 10 Vertical LED strips (54 LEDs total)
- Built-in 100dB siren (programmable)

Specifications

Model	SL-1301-EAQ	SL-1301-BAQ	SL-1301-SAQ
# Of flash patterns	1	6	6
Flashing speed	130 times/min	Adjustable 30~260 times/min	
Vertical LED strips	0	5	10
Total # of LEDs	12	32	54
Backup battery	No	Yes	
Operating temperature	-4°~144° F (-20°~65° C)		
Electrical protection	Reverse polarity protected		
Built-in siren	No		Yes (100dB)
IP rating	IP66		IP55

Ordering Information

Color	SL-1301-EAQ (12 LED)	SL-1301-BAQ (32 LED)	SL-1301-SAQ (54 LED)
Amber	SL-1301-EAQ/A	SL-1301-BAQ/A	SL-1301-SAQ/A
Blue	SL-1301-EAQ/B	SL-1301-BAQ/B	SL-1301-SAQ/B
Clear	SL-1301-EAQ/C	SL-1301-BAQ/C	SL-1301-SAQ/C
Green	SL-1301-EAQ/G	SL-1301-BAQ/G	SL-1301-SAQ/G
Red	SL-1301-EAQ/R	SL-1301-BAQ/R	SL-1301-SAQ/R

Accessories

SL-126LQ/x

Replacement Lens

- SL-126LQ/A – Amber
- SL-126LQ/B – Blue
- SL-126LQ/C – Clear
- SL-126LQ/G – Green
- SL-126LQ/R – Red

SL-1901-DAQ

Conduit drop bracket, can be used with SL-1901-JAQ

SL-1901-JAQ

Conduit box bracket, can be used with SL-1901-DAQ

See page 92 for more information

Mini Strobe Sirens



LED

Model Numbers

SL-1312-SA/B *Blue lens*

SL-1312-SA/R *Red lens*

NEW

NEW

Features

- Synchronized piezo siren and long operating life LED
- Use single-gang box or surface-mount
- High-impact plastic casing and weatherproof design
- Simple 2-wire connection
- Alarm siren sound is 110dB@1ft (30cm)
- Operating voltage: 6~15 VDC
- Current draw: 90mA@12VDC

High-Intensity LED Strobe Lights



LED

Model Numbers

SL-1311-MA/A *Amber*

SL-1311-MA/B *Blue*

SL-1311-MA/C *Clear*

SL-1311-MA/R *Red*

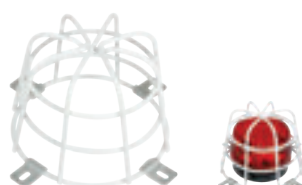
Features

- Weatherproof (IP66) and vibration resistant for indoor and outdoor use
- Surface or flush mount
- Up to 15 units can be synchronized to flash simultaneously or alternately
- 19 Built-in programmable flash patterns
- Operation life of over 100,000 hours
- Operating voltage: 10~30 VDC

Wire Guards



GW-SD31W



GW-SL31W

Model Numbers

GW-SD31W *Smoke Detector*

GW-SL31W *Strobe Light*

NEW

NEW

Features

- Protects against vandalism and accidental damage
- Easy removal for cleaning and maintenance
- 9-gauge steel wire coated with corrosion resistant polyester plastic
- Welded at all points for strength
- Mounting hardware included
- Dimensions:
 - GW-SD31W: 9⁷/₃₂"x3⁵/₃₂" (234x80 mm)
 - GW-SL31W: 5¹/₄"x3³/₄" (133x95 mm)

Alarm Control Panel



Model Number

ENFORCER 295

Five separate zone inputs, Five zone shunting switches, Three adjustable timers, Nine status LEDs, Two alert signals, Four outputs

Features

- 5 Separate zone inputs
 - N.O. or N.C. (selectable) Instant zone with exit delay
 - N.C. Instant zone with exit delay
 - N.C. Delay zone with entry and exit delays
 - N.O. 24-Hour panic zone with no entry and exit delays
 - N.C. 24-Hour tamper zone instant trigger no delay
- Works on 16 VAC/VDC with back-up battery input
- 2 Alert signals for entry and exit delay
- 9 Status LEDs
- 3 Adjustable timers
 - Adjustable entry delay timer (1~45 sec)
 - Adjustable exit delay timer (1~45 sec)
 - Adjustable alarm duration timer (3s to 20min)
- Patented Automatic Extended Exit Delay (AEED): Opening a switch/sensor connected to an exit delay zone before the exit delay elapses automatically extends the exit delay for as long as the switch/sensor remains open
- Dry relay contact panic output (COM - N.O.): Relay contacts close when the panic zone is activated
- Phase-II continual protection: To assure continuous protection, any input that remains triggered after the alarm duration has elapsed will shut down. All other inputs will remain armed
- All 9 status LEDs visible when cabinet is closed
- Positive voltage (3A) relay alarm output: Powers signaling devices like a siren, bell, dialer, etc.
- Regulated power supply and recharger
- Heavy-duty, beige-colored steel cabinet;
- Dimensions: 8½"x3⅞"x11⅞" (215x79x290 mm)

Audio Discriminator



Model Number

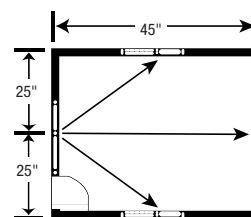
ENFORCER 190

Range: Up to 45ft (14m) front, Up to 25ft (8m) sides

LEDs Make the Difference

LED Color	Function
Yellow	Indicates whether environmental noise is too high, reducing the likelihood of false alarms
Red	Indicates whether the sensor has been triggered and is sending a signal to the alarm

Protection Pattern



Features

- Eliminates the need for unsightly individual detectors on each pane of glass
- Detects the high-frequency sound of glass breaking
- Patented yellow turbulence LED allows quick and simple sensitivity adjustment without having to use a test meter
- Red LED shows alarm output status
- Wide detection radius
 - 25ft (8m) if ceiling-mounted
 - 45ft (14m) if wall-mounted
- Equipped with an N.C. tamper circuit to protect against opening or breaking the case
- Installs without RF-shielded cable
- Compact size and attractive appearance allows for discreet installations anywhere

Siren and Buzzers



SH-532L



SH-504Q



SH-506Q

Model Numbers

SH-532L	<i>3 Tone Siren</i>
SH-504Q	<i>Miniature buzzer, plate/surface mount</i>
SH-506Q	<i>Miniature buzzer, surface mount</i>

Features

SH-532L:

- 3 Tones, 124dB
- Black ABS plastic trumpet
- Miniature size, just 3/4" long with 3/2" diameter (83x89 mm)
- Low current drain of 1A@12VDC

SH-504Q:

- Miniature 91dB electronic buzzer
- 3~18 VDC Operation
- Surface mount or mount in 3/4" (19mm) "D" hole of alarm panel or remote plate
- Low current drain of 35mA@12VDC

SH-506Q:

- Miniature 93dB electronic buzzer
- 3-28VDC, surface mount
- Low current drain of 35mA@12VDC

Wall & Flush-Mount Sirens and Speakers



SH-521RQ / SH-901RQ



SH-512BQ & SH-532BQ



SH-525SQ / SH-905SQ

Model Number

SH-525SQ	<i>Dual-tone wall siren</i>	NEW
SH-521RQ	<i>Flush-mount dual-tone wall siren</i>	NEW
SH-512BQ	<i>Single-tone chime</i>	NEW
SH-532BQ	<i>Multi-tone electronic chime</i>	NEW
SH-905SQ	<i>Wall speaker</i>	NEW
SH-901RQ	<i>Flush-mount wall speaker</i>	NEW

Features

SH-525SQ & SH-521RQ

- 100dB/1m@12VDC
- 6~14 VDC Operation
- Current draw: 550mA@12VDC

SH-512BQ & SH-532BQ

- 105dB/1m@12VDC
- 6~14 VDC Operation
- Current draw: 200mA@12VDC

SH-905SQ & SH-901RQ

- 6~8 Ohms
- 15W
- 450~6000 Hz Frequency

Low-Voltage Battery Cut-Off



Features

- Selectable input 12/24 VDC
- Adjustable voltage cut-off and restore point
- Master On/Off switch
- Green LED AC power indicator
- Dual-color DC LED indicator
- Includes battery leads and double-sided tape

Model Number

ST-BD01Q	<i>Low-Voltage Battery Cut-Off</i>
-----------------	------------------------------------

Specifications

Relay contact rating		7A@30VDC
LED Indicators	AC	Green
	DC	Red: 12VDC
		Blue: 24VDC
Connections	AC input	Terminal block
	AC output	Gray wire leads
	DC	Quick-connect terminal (battery side)
		On-board male spade terminal

Switches and Buttons

Tamper Switches

SS-072Q For normally closed tamper circuits

SS-073Q For normally open tamper circuits

- For drawers and alarm boxes
- Silver-plated contacts
- High-impact plastic case
- Screw terminals
- Rated 0.5A@50VDC



Toggle Switches

SS-076Q/GY Gray toggle switch

SS-076Q/SW Snow-white toggle switch

- SPST Toggle switch rated 3A@125VDC
- Attractive plastic case with two screw holes
- Pre-wired 6" (15cm) leads



Momentary Pushbuttons

SS-032Q/RD Red N.O. Button

SS-033Q/BK Black N.C. Button

- Fits 1/2" (13mm) hole
- Rated 1A@12VDC



SS-032Q/RD

SS-033Q/BK

Momentary Pushbuttons

SS-074/BG N.O. Push-to-close operation

- N.O. (Push-to-close) Operation
- Double-button operation virtually eliminates accidental triggering
- Sturdy metal case, silver-plate SPST contacts, pre-wired for quick installation
- Rated 1A@25VDC



Holdup Buttons

SS-077Q N.C. Push-to-open operation

SS-078Q N.O. Push-to-close operation

SS-078-KEYQ Spare key for SS-077Q and SS-078Q

- Latching pushbutton, flag shows when pressed
- High-impact ABS case, stainless steel cover
- SPST Switch rated 1A@12VDC
- Two reset keys included



Vibration/Shock Sensors

SS-040Q/BR N.C., Brown

SS-040Q/W N.C., White

- Detects shock to window glass, walls, or ceilings
- Gold-plated contacts for longer life and reliability
- Built-in tamper switch for complete security
- Adjustable from 1~50 g
- 1A@50VDC
- Size: 2 3/8" x 1 3/16" x 5/8" (60x21x15 mm)



Foil connection block

SS-202Q



Emergency Pushbuttons

SS-075Q N.O. "Emergency" button

SS-075CQ NO/NC "Emergency" button

SS-075C-PEQ NO/NC Emergency button kit

- SPST Contact rated 0.5A@12VDC
- Screw terminals for easy installation
- Large button with printed message on faceplate

SS-075C-PEQ Only

- Includes three stick-on labels ("PUSH TO EXIT", "PRESIONE PARA SALIR", "EMERGENCY")
- SPST Switch rated 1A@12VDC



Open-Frame Transformers



ST-UV16-W100Q

Model Numbers

ST-UV16-W50Q

16VAC, 50VA

ST-UV24-W50Q

24VAC, 50VA

ST-UV16-W100Q

16VAC, 100VA

ST-UVDA-W100Q

24/28 VAC, 100VA

ST-UVDA-W180Q

24/28 VAC, 180VA

Features

- Dual-voltage input: 120/240 VAC, 50/60 Hz
- Works with all SECO-LARM power supplies and chargers
- Shielded windings reduce electromagnetic interference

Specifications

Model	ST-UV16-W50Q	ST-UV24-W50Q	ST-UV16-W100Q	ST-UVDA-W100Q		ST-UVDA-W180Q	
Output voltage	16VAC	24VAC	16VAC	24VAC	28VAC	24VAC	28VAC
Current	3.12A	2.08A	6.25A	4.16A	3.57A	7.50A	6.43A
VA	50VA		100VA			180VA	
Input voltage	120/240 VAC, 50/60 Hz						

Power Adapters



ST-UV12-S1.0Q



ST-UV12-S2.0Q



ST-UV12-S5.0Q



Model Numbers

ST-UV12-S1.0Q

1 Amp

ST-UV12-S2.0Q

2 Amps

ST-UV12-S5.0Q

5 Amps

Fits Easily with Power Strip



Features

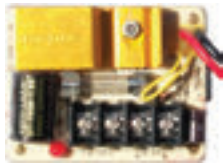
ST-UV12-S0.5Q, ST-UV12-S1.0Q, and ST-UV12-S2.0Q Only:

- Sideways plug for easy use on power strips
- Universal 100~240 VAC input
- Regulated 12VDC output
- 6ft (1.8m) Cord with 2.1mm plug (positive center)
- Low current drain

ST-UV12-S5.0Q Only:

- Convert AC input power to low-voltage DC output power
- LED Power indicator
- Universal 100~240 VAC input
- Regulated 12VDC output
- 6ft (1.8m) Cord with 2.1mm plug (positive center)
- Includes AC power cord (IEC320-C13)
- Low current drain

Power Supply Chargers



ST-1206-1.5AQ



ST-2406-2AQ



ST-2406-3AQ



ST-2406-5AQ



ST-2406-7AQ



ST-2406-10AQ

Model Numbers

ST-1206-1.5AQ

1.5A Continuous, 6/12 VDC

ST-2406-2AQ

2.0A Continuous, 6/12/24 VDC

ST-2406-3AQ

2.5A Continuous, 6/12/24 VDC

ST-2406-5AQ

4A Continuous, 6/12/24 VDC

ST-2406-7AQ

7A Continuous, 6/12/24 VDC

ST-2406-10AQ

9A Continuous, 6/12/24 VDC

Open-Frame Transformers



SECO-LARM offers a full line of Open-Frame Transformers.

See Page 98 for details

Features

- Convert low-voltage AC input power to low-voltage DC output power
- Regulated and filtered output voltage
- Short-circuit protection
- Thermal protection and compensation
- Built-in backup battery charger
- Switches to backup battery automatically in case of power loss
- Fused protection for battery charger
- Two LEDs to indicate AC power input and DC power output status
- Compatible with lead-acid or gel-type rechargeable batteries
- Reverse-polarity protected
- Includes foam tape and battery terminals for easy installation
- For transformer selection information, see below chart, "Transformer Selection Table"

Specifications

Model	ST-1206-1.5AQ	ST-2406-2AQ	ST-2406-3AQ	ST-2406-5AQ	ST-2406-7AQ	ST-2406-10AQ
Output voltage	6/12 VDC		6/12/24 VDC			
Current	Continuous	1.5A	2.0A	2.5A	4A	7A
	Peak	2A		3A	5A	10A
Current Output (Maximum Charge)	6V	100mA				
	12V	220mA				
	24V	N/A	450mA			
Dimensions	2½"x2¾"x1⅜" (64x70x30 mm)		2⅞"x2⅞"x1⅜" (73x73x35 mm)	2⅞"x3"x1⅝" (73x76x33 mm)	5½"x5⅝"x2⅞" (140x130x55 mm)	

Transformer Selection Table

Output voltage	ST-1206-1.5AQ	ST-2406-2AQ	ST-2406-3AQ	ST-2406-5AQ	ST-2406-7AQ	ST-2406-10AQ
6VDC	12VAC/20VA	12VAC/20VA	ST-UV16-W50Q 16VAC/50VA	ST-UV16-W100Q 16VAC/100VA	ST-UVDA-W180Q 24~28 VAC/180VA	
12VDC	ST-UV16-W50Q 16VAC/50VA		ST-UVDA-W100Q 24~28 VAC/100VA	ST-UV16-W100Q 16VAC/100VA	ST-UVDA-W180Q 24~28 VAC/180VA	
24VDC	N/A	ST-UV24-W50Q 24VAC/50VA	ST-UVDA-W100Q 24~28 VAC/100VA	ST-UVDA-W180Q 24~28 VAC/180VA	24~28 VAC/210VA	28VAC/350VA

Relay Modules



SR-2206-C5AQ



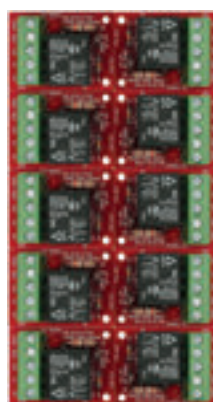
SR-2212-C5AQ



SR-1212-C2ALQ



SR-1212-C7ALQ



SR-2112-C7AQ/10

Model Numbers

SR-2206-C5AQ

Heavy-duty, 6/12 VDC supply, 6/12 VDC trigger, 5A, DPDT

SR-2212-C5AQ

Heavy-duty, 12/24 VDC supply, 12/24 VDC trigger, 5A, DPDT

SR-1212-C2ALQ

Low-current, high-sensitivity, 12/24 VDC supply, 3~24 VDC trigger, 2A, DPDT

SR-1212-C7ALQ

Heavy-duty, high-sensitivity, 12/24 VDC supply, 3~24 VDC trigger, 7A, Dual SPDT

SR-2112-C7AQ/10

12/24 VDC Supply, 12/24 VDC trigger, 7A, SPDT, sold in pack of 10

Features

- Relay modules for any application where relays are required
- Easy installation
- Easily fits inside alarm panel enclosures
- Screw terminals allow easy installation without soldering or other time consuming connections
- A wide selection of relay modules available: Single or dual relays, low-current or heavy-duty operation, and high-sensitivity or normal sensitivity

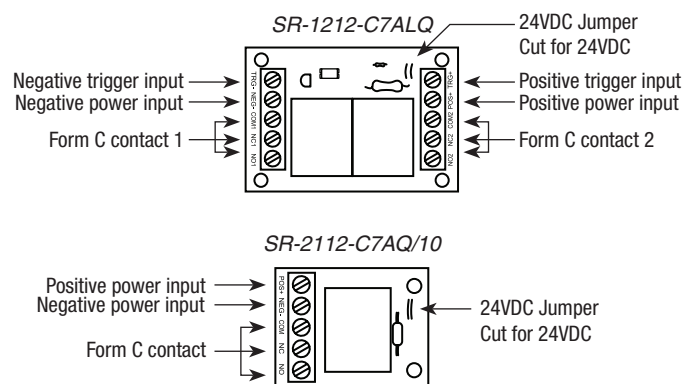
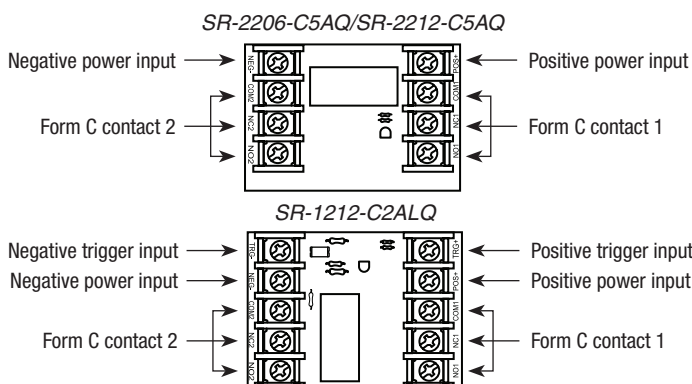
SR-2112-C7AQ/10 Only:

- Ships with 10 relay modules on a board
- Each module easily snaps off for individual use

Specifications

Model	SR-2206-C5AQ	SR-2212-C5AQ	SR-1212-C2ALQ	SR-1212-C7ALQ	SR-2112-C7AQ/10
Supply voltage	6/12 VDC	12/24 VDC			
Trigger voltage	6/12 VDC	12/24 VDC	3~24 VDC		12/24 VDC
Voltage selection	Auto-sensing	Jumper	Auto-sensing	Jumper	
Relay type	DPDT			SPDT	
Relay rating	5A		2A	7A	
Number of relays	1			2	1
Current draw	70mA@6VDC 80mA@12VDC	70mA@12/24VDC	15mA@12VDC 18mA@24VDC	60mA@ 12/24VDC	35mA@12VDC 40mA@24VDC
Dimensions	2 3/4" x 1 7/8" x 3/4" (70x48x20 mm)		2 3/4" x 1 1/2" x 3/4" (70x50x20 mm)	2 3/8" x 1 1/8" x 3/4" (60x40x20 mm)	1 1/8" x 1 3/8" x 3/4" (40x30x20 mm)

Installation Overview



Programmable Timer

Model Number

SA-025Q

Multipurpose timer with case



Features

- Can be triggered via N.O. positive (+) trigger, N.C. negative (-) trigger, or by powering up the unit
- Relay can be programmed to activate at the start or at the end of the timing cycle
- Built-in reset function to manually reset timing cycle
- Timer can be set from 1 sec to 60 min
- Form C relay, contacts rated 8A@120VAC/24VDC
- Programmable for pulse (flash) activation
- Relay can also be set to activate for one second at the end of the timing cycle
- LED indicates relay is energized
- 12/24 VDC Operation (auto-sensing)
- Current: 1mA (standby), 50mA (active)
- Board measures 2 $\frac{7}{8}$ "x2 $\frac{1}{2}$ " (73x63 mm)
- Functions programmed via DIP switches – no jumpers to cut

Mini Programmable Timer

Model Number

SA-026Q

Mini programmable timer



Features

- Adjustable timer from 1~180 seconds via an onboard potentiometer
- Compact design: 1 $\frac{3}{16}$ "x2 $\frac{9}{32}$ "x $\frac{5}{8}$ " (30x58x16 mm)
- NO/NC Switch trigger
- 12~24 VAC/VDC Operation
- Relay output: Form C (SPDT) via terminal blocks
- Current: 2mA (standby), 75mA (active)
- Contacts rated 3A@24VDC
- Built-in buzzer output (100mA@24VDC)
- Includes double-sided foam tape

Also Available from SECO-LARM®



SA-025EQ
Delayed Egress Timer
See page 48



SA-027WQ
7-Day Timer
See page 49



SA-027HQ
365-Day Annual Timer
See page 49

Surface Mount Magnetic Contacts



SM-200Q/BR *Brown, closed loop*

- Standard surface mount
- Contact reed switch is SPST, deactivated rhodium on gold under-plating for a longer expected life
- Screw terminals for quick installation

SM-200Q/W *White, closed loop*

- Includes terminal cover
- For closed loop circuits
- 3/4" (19mm) Gap
- Dimensions: 2 1/2"x9/16"x1/2" (63x14x13 mm)



SM-300Q/BR *Brown, open loop*

- Standard surface mount
- Contact reed switch is SPST, deactivated rhodium on gold under-plating for a longer expected life
- Screw terminals for quick installation

SM-300Q/W *White, open loop*

- Includes terminal cover
- For open loop circuits
- 1/2" (13mm) Gap
- Dimensions: 2 1/2"x9/16"x1/2" (63x14x13 mm)



SM-216Q/BR *Brown, closed loop*

- Wide-gap surface mount contact for loose-fitting doors and windows
- Contact reed switch is SPST, deactivated rhodium on gold under-plating for a longer expected life
- Screw terminals for quick installation

SM-216Q/GY *Gray, closed loop*

- Includes spacers
- For closed loop circuits
- 2 3/4" (70mm) Gap
- Dimensions 3 1/8"x1 1/2"x9/16" (100x13x14 mm)



SM-217Q/W *White, closed loop*

- Miniature wide-gap surface mount for loose-fitting doors and windows
- Contact reed switch is SPST, deactivated rhodium on gold under-plating for a longer expected life
- Screw terminals for quick installation

- Wide gap, yet contact is no longer than conventional surface type
- For closed loop circuits
- 2" (51mm) Gap
- Dimensions: 2 1/2"x9/16"x1/2" (63.5x14x13 mm)



SM-433-TQ/B *Brown, closed loop*

- Surface mount contact
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- Screw-mount (mounting screws included)

SM-433-TQ/W *White, closed loop*

- Cover hides mounting screws, terminal block, and wires
- For closed loop circuits
- 1 7/32" (31mm) Gap
- Dimensions: 2"x9/16"x1/2" (51x14x13 mm)

Self-Stick Magnetic Contacts



SM-431-TQ/B Brown, closed loop

- Miniature surface mount
- Gold-plated screw terminals for longer expected life and reliability
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and a longer expected life

SM-431-TQ/W White, closed loop

- Quick-connect terminals
- For closed loop circuits
- Screw-mount using side flanges, or adhesive mounting (mounting screws and double-sided tape included)
- 1" (25mm) Gap
- Dimensions: 2"x3/8"x1/4" (51x10x6 mm)



SM-4003-TQ/W White, closed loop

- Miniature surface mount
- Gold-plated terminals for longer expected life and reliability
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life

- Adhesive mount (double-sided tape included)
- Quick-connect terminals
- For closed loop circuits
- 1" (25mm) Gap
- Dimensions: 1 1/2"x3/8"x1/4" (38x10x7 mm)



SM-204Q/BR Brown, closed loop

- Miniature "flange-type" surface mount
- Contact reed switch is SPST, deactivated rhodium on gold under-plating for a longer expected life
- Screw-mount using flanges, or adhesive mounting (double-sided tape included)

SM-204Q/W White, closed loop

- Flange breaks off for extra miniature size
- 15" (38cm) Leads extend from center
- For closed loop circuits
- 1" (25mm) Gap
- Dimensions: 1 3/8"x3/8"x1/4" (35x10x6 mm)



SM-205Q/BR Brown, closed loop

- Miniature "flange-type" surface mount
- Contact reed switch is SPST, deactivated rhodium on gold under-plating for a longer expected life
- Screw-mount using flanges, or adhesive mounting (double-sided tape included)

SM-205Q/W White, closed loop

- Flange breaks off for extra miniature size
- 15" (38cm) Leads extend from side
- For closed loop circuits
- 3/4" (19mm) Gap
- Dimensions: 1 3/8"x3/8"x1/4" (35x10x6 mm)

SM-4004-TQ/W White, closed loop, Terminals

- Miniature "capsule-type" surface mount
- Gold-plated external screw terminals for longer life and reliability with tape to cover terminals
- Quick-connect terminals
- Adhesive mounting (double-sided tape included)

- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and a longer expected life
- For closed loop circuits
- 1" (25mm) Gap
- Dimensions: 1"x3/8"x1/4" (25x10x7 mm)

SM-4004-LQ/W White, closed loop, 18" (46cm) wire leads

- Miniature "capsule-type" surface mount
- Adhesive mounting (double-sided tape included)
- 18" (46cm) wire leads
- For closed loop circuits

- Contact reed switch is SPST, ruthenium on gold under-plating for a longer expected life
- 3/4" (19mm) Gap
- Dimensions: 1"x3/8"x1/4" (25x10x7 mm)

Recessed-Mount Magnetic Contacts



SM-206Q/BR Brown, closed loop

- 1/4" Press fit
- Contact reed switch is SPST, deactivated rhodium on gold under-plating for a longer expected life
- 15" (38cm) Wire leads

SM-206Q/W White, closed loop

- Unique glue/epoxy compound protects reed switch
- For closed loop circuits
- 1" (25mm) Gap
- Switch dimensions: 1 1/4"x1/4" (32x6 mm)

SM-207Q/BR Brown, closed loop

- 3/8" Press fit
- Contact reed switch is SPST, deactivated rhodium on gold under-plating for a longer expected life
- 15" (38 cm) Wire leads
- For closed loop circuits

SM-207Q/W White, closed loop

- Unique glue/epoxy compound protects reed switch
- Switch and magnet have ribs for securing in holes
- 1" (25mm) Gap
- Switch dimensions: 1 3/8"x7/16"x3/8" (35x11x10 mm)

SM-207-5Q/BR Brown, closed loop

- 3/8" Press fit
- Contact reed switch is SPST, deactivated rhodium on gold under-plating for a longer expected life
- Unique glue/epoxy compound protects reed switch

SM-207-5Q/W White, closed loop

- 15" (38 cm) Wire leads
- Switch and magnet have ribs for securing in holes
- For closed loop circuits
- 3/8" (10mm) Gap
- Switch dimensions: 3/4"x7/16"x3/8" (19x11x10 mm)

SM-207-5LQ/BR Brown, closed loop

- 3/8" Press fit
- Contact reed switch is SPST, deactivated rhodium on gold under-plating for a longer expected life
- Unique glue/epoxy compound protects reed switch
- 15" (38 cm) Wire leads

SM-207-5LQ/W White, closed loop

- Switch and magnet have ribs for securing in holes
- For closed loop circuits
- 1" (25mm) Gap
- Switch dimensions: 3/4"x7/16"x3/8" (19x11x10 mm)

SM-407-5TQ/W White, closed loop

- 3/8" Press-fit with stubby magnet
- Gold-plated terminals for longer life and reliability
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life

- Switch and magnet have ribs for securing in holes
- Quick-connect terminals
- For closed loop circuits
- 3/4" (19mm) Gap
- Switch dimensions: 1 1/8"x7/16"x3/8" (28x11x10 mm)

SM-4102-TQ/W White, closed loop

- 3/8" Press fit
- Gold-plated terminals for longer life and reliability
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life

- Switch and magnet have ribs for securing in holes
- Quick-connect terminals
- For closed loop circuits
- 1" (25mm) Gap
- Switch dimensions: 1 1/8"x7/16"x3/8" (28x11x10 mm)

Recessed-Mount Magnetic Contacts



SM-4103-TQ/W White, closed loop

- 3/8" Press-fit with 1" (25mm) switch
- Gold-plated terminals for longer expected life and reliability
- Rare-earth magnet with nickel plating to protect against chipping and corrosion
- Quick-connect terminals
- Contact reed switch is SPST, ruthenium on gold under-plating for a longer expected life
- For closed loop circuits
- 1/2" (12mm) Gap
- Switch dimensions: 15/16" x 7/16" x 3/8" (24x11x10 mm)

SM-4103-LQ/W White, closed loop

- 3/8" Press-fit with 3/4" (19mm) switch
- Gold-plated terminals for longer expected life and reliability
- Rare-earth magnet with nickel plating to protect against chipping and corrosion
- 18" (46cm) Wire leads
- Contact reed switch is SPST, ruthenium on gold underplating, which results in a long life
- For closed loop circuits
- 1/2" (12mm) Gap
- Switch dimensions: 3/4" x 7/16" x 3/8" (19x11x10 mm)

SM-4104-TQ/W White, closed loop

- 3/4" (19mm) Steel-door recessed
- Gold-plated terminals for longer expected life and reliability
- Strong, one-piece construction
- Quick-connect terminals
- For closed loop circuits
- Contact reed switch is SPST, iridium plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- 1" (25mm) Gap (on steel)

SM-4105-LQ/B Brown, closed loop

- 3/4" (19mm) Steel-door recessed
- Gold-plated terminals for longer expected life and reliability
- Strong, one-piece construction
- 18" (46cm) Wire leads
- For closed loop circuits

SM-4105-LQ/W White, closed loop

- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- 1" (25mm) Gap (on steel)

Plunger-Type Magnetic Contacts



SM-4301-TQ/W White, closed loop

- Push button
- Magnet and reed switch contained in housing
- Quick-connect terminals
- For closed loop circuits
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness, which results in higher handling power and long life
- Plunger travel is 1/4" (6mm)

SM-4302-LQ/W White, closed loop

- 360° Rollerball
- Magnet and reed switch contained in housing
- 18" (46cm) Wire leads
- For closed loop circuits
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- Roller travel is 1/4" (6mm)

SM-4303-TQ/W White, closed loop

- 360° Rollerball
- Magnet and reed switch contained in housing
- For closed loop circuits
- Contact reed switch is SPST, ruthenium on gold under plating, which results in a long life
- Roller travel is 1/4" (6mm)

Specialty Magnetic Contacts



SECURITY
UL
LISTED
SM-226LQ
Only

- | SM-226LQ | N.C. |
|--|------|
| <ul style="list-style-type: none"> Overhead door surface mount Contact reed switch is SPST, deactivated rhodium on gold under-plating for a longer expected life Switch contained in curved, low-profile, cast-aluminum housing | |

- | SM-226L-3Q | NO/NC |
|--|-------|
| <ul style="list-style-type: none"> Magnet in gray ABS plastic case mounted on L-shaped bracket 24" (61cm) Wire leads enclosed in stainless steel cable 2¾" (70mm) Gap Switch dimensions: 4⅜"x1⅜"x⅞" (111x44x11 mm) | |



SECURITY
UL
LISTED
SM-226RQ
Only

- | SM-226RQ | N.C. |
|--|------|
| <ul style="list-style-type: none"> Overhead door surface mount Contact reed switch is SPST, deactivated rhodium on gold under plating for a longer expected life Switch contained in curved, low-profile, cast-aluminum housing | |

- | SM-226R-3Q | NO/NC |
|---|-------|
| <ul style="list-style-type: none"> Magnet enclosed in round bracket 24" (61cm) Wire leads enclosed in stainless steel cable 2¾" (70mm) Gap Switch dimensions: 4⅜"x1⅜"x⅞" (111x44x11 mm) | |



- | SM-4201-LQ | N.C. |
|--|------|
| <ul style="list-style-type: none"> Industrial, overhead door, track mount Rugged aluminum housing Contact Type: SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life Adjustable to fit most door-channel widths | |

- | |
|---|
| <ul style="list-style-type: none"> 36" (91cm) Wire leads are enclosed in armored cable All mounting hardware included For N.C. Circuits 3" (76mm) Gap Switch dimensions: 3⅞"x3⅞"x1⅜" (82x90x44 mm) |
|---|



SECURITY
UL
LISTED
SM-4601-LQ
Only

- | SM-4601-LQ | N.C. |
|--|------|
| <ul style="list-style-type: none"> Industrial, wide gap, surface mount Rugged aluminum housing Contact Type: SPST, iridium-plated to have a high melting point and Vickers hardness, which results in higher handling power and long life | |

- | SM-4601-L3Q | NO/NC |
|--|-------|
| <ul style="list-style-type: none"> Weatherproof and sealed for outdoor use 36" (91cm) Wire leads are enclosed in armored cable 3" (76mm) Gap Switch dimensions: 3⅞"x1"x1½" (78x25x13 mm) | |

Accessories



SM-831
Alnico 5 magnet
1¼" (32mm) Length
¼" (6mm) Diameter



SM-841
Alnico 5 magnet
1⅝" (41mm) Length
⅜" (10mm) Diameter



SM-851
Aluminum "Z" bracket for
SM-216Q, SM-226LQ,
SM-226-L3Q



SM-852LQ
Aluminum "L" bracket for
SM-216Q, SM-226LQ,
SM-226L-

Voice Dialer



Features

- Trigger-activated alarm and dialer with user-programmable 20-second alarm message
- 16-Digit large display with date/time and function icons
- 3 Triggers (1 N.C., 2 NO/NC) for multiple zone security
- Call in at any time to listen-in to room, broadcast to room, arm, and disarm dialer
- Listen-in, broadcast messages to room, and/or disarm during dialer call out
- Programmable PIN number and entry delay timing
- Wall mountable
- 5 Programmable emergency telephone numbers (up to 32 digits each)
- Home mode function (acts as a door chime when user is at home)
- Panic button
- Built-in flash memory to protect against system data loss in case of power failure
- 9V battery backup (battery not included)
- DC power input jack (power adapter not included)
- Built-in 105dB alarm (programmable ON/OFF)
- Built-in auxiliary output for external alarm or siren
- Built-in line seizure

Model Number

E-921CPQ

Voice dialer with listen-in

Specifications

Operating voltage		9~12 VDC
Current draw	Standby	5mA
	Dialing	20mA
	Alarm ON	150mA
	Relay ON	50mA
	Speaker ON	250mA
Total		480mA
Voice message length		Up to 20s
Programmable emergency numbers		5
Backup battery type/life (not included)		9VDC/≈20h
Alarm sound level		≥105dB
Trigger input timer		≥500ms
Aux. output current (max)		125mA
Operating temperature		32~104° F (0~40° C)
Weight		11.15-oz (316g)
Dimensions		6 ¹ / ₁₆ "x4 ¹ / ₁₆ "x1 ¹ / ₂ " (170x119x38 mm)

Auto Dialer



Features

- 16-Digit large display with date/time and function icons
- 2 (N.C.) Triggers for multiple zone security
- Remote monitoring – user can call in to listen in to room sounds and arm/disarm dialer
- Remotely listen in to room sounds or disarm during call back
- Programmable PIN number and entry delay timing
- 5 Programmable emergency telephone numbers (up to 32 digits each)
- Wall-mountable
- Programmable auto-dialing cycle repeat times
- Home mode function (acts as a door chime when user is at home)
- Panic button
- Built-in flash memory to protect against system data loss in case of power failure
- 9V battery backup (battery not included)
- DC power input jack (3.5mm phone jack, not included)
- Built-in 105dB alarm (programmable ON/OFF)
- Built-in auxiliary output for external alarm or siren

Model Number

E-921APQ

Basic auto dialer

Specifications

Operating voltage		9~12 VDC
Current draw	Standby	5mA
	Dialing	10mA
	Alarm ON	180mA
	Total	310mA
Programmable emergency numbers		5
Backup battery type/life (not included)		9VDC/≈20h
Alarm sound level		≥105dB
Trigger inputs		2x N.C. Triggers
Trigger input timer		≥500ms
Aux. output current (max)		125mA
Operating temperature		32~104° F (0~40° C)
Weight		6.2-oz (175g)
Dimensions		3 ³ / ₁₆ "x4 ⁵ / ₁₆ "x1 ⁷ / ₈ " (86x110x47 mm)

HDMI Extenders over Single Cat5e/6



MVE-AH030Q



MVE-AH030AQ



Single
Cat5e/6

Model Numbers

MVE-AH030Q

Range: 196ft (60m) at 1080p

MVE-AH030AQ

Range: 196ft (60m) at 1080p

Specifications

Model	MVE-AH030AQ	MVE-AH030Q
Maximum resolution	1080p	
Deep color	24-bit	
Video formats supported	High-speed HDMI, HDCP 1.2	
Audio formats supported	LPCM, Dolby-AC3, DTS7.1, DSD	
Resolutions supported	1080p / 1080i / 720p / 576p / 576i / 480p / 480i	
Output video	HDMI	
Range (1080p)	Cat6	Up to 196' (60m)
	Cat5e	Up to 98' (30m)
Video amplifier bandwidth	1.65Gbps	
Video input connector	HDMI Type A 19-pin female	
Maximum input cable length	24AWG (15m), 26AWG (10m), 28AWG (5m)	
Video output connector	HDMI Type A 19-pin female	
Maximum output cable length	24AWG (15m), 26AWG (10m), 28AWG (5m)	
Cat5e/6 wiring standard	T568-B	
Operating voltage	5VDC	
Operating temperature	32°~104° F (0°~40° C)	
Operating humidity	20~90% RH (non-condensing)	
Weight	5.3-oz (150g) (each)	7.2-oz (205g) (each)
HDMI Loop Output	No	Yes
ARC	No	Yes
Digital Audio Out	No	Yes

Features

- Extend 1080p HDMI signals up to 196ft (60m) over a single Cat5e/6 cable
- The HDMI Extenders over Single Cat5e/6 support both progressive and interlaced formats: 1080p/1080i/720p/576p/576i/480p/480i
- Active operation ensures that the signal strength will remain strong over the length of the cable
- Plug and Play – The Basic HDMI Extender over Single Cat5e/6 comes as a complete set consisting of a transmitter and receiver, power supplies, and IR dongles
- Zero Signal Loss – Integrated circuits in the transmitter and receiver clean, buffer and amplify the HDMI signal to prevent signal loss and ensure a clear signal regardless of the length of the cable
- Bi-directional IR – Send IR signals from the source to the monitor or from the monitor to the source for discrete operation of devices
- EDID Management – Eliminate sync issues by choosing from multiple EDID
- Dimensions:
 - 3¹⁵/₁₆"x1¹⁵/₁₆"x1" (81x49x25 mm)

MVE-AH030Q Only:

- HDMI Loop Output – Secondary HDMI output for local displays
- ARC Option Switch – Enable Audio Return Channel (ARC) to automatically switch the audio source to that shown by the display device
- Digital Audio Out – Send HDMI audio directly to an external sound bar or A/V Receiver
- Dimensions:
 - 3¹⁵/₁₆"x2⁹/₁₆"x1" (100x65x25 mm)

ENHANCED HDMI Extenders



MVE-AH1H1-01GQ



MVE-AH1H1-02ZQ



Single
Cat5e/6

4K
Support

Model Numbers

MVE-AH1H1-01GQ

Range: 230ft (70m) at 1080p

MVE-AH1H1-02ZQ

Range: 330ft (100m) at 1080p

Specifications

Model	MVE-AH1H1-01GQ	MVE-AH1H1-02ZQ
Maximum resolution	4Kx2K@30Hz	
Deep color	48-bit	
Video formats supported	High-speed HDMI with 3D, HDCP 1.2	
Audio formats supported	LPCM, Dolby-Ac3, DTS 7.1, DSD	
Output video	HDMI	
Resolutions supported	4K/1080p/1080i/720p/576p/576i/480p/480i	
Range (1080p)	Cat6	Up to 230' (70m)
Range (4K)	Cat6	Up to 130' (40m)
Video amplifier bandwidth	10.2Gbps	
Cat5e/6 wiring standard	T568-B	
Operating voltage	24VDC	
Operating temperature	32°~104° F (0°~40° C)	
Weight	7.1-oz (200g) (each)	11.3-oz (300g) (each)

Features

- Extend 1080p HDMI signals up to 230ft (70m) for the MVE-AH1H1-01GQ and 330ft (100m) for the MVE-AH1H1-02ZQ over a single Cat5e/6 cable
- Extend 4K/2K HDMI signals up to 130ft (40m) for the MVE-AH1H1-01GQ and 230ft (70m) for the MVE-AH1H1-02ZQ over a single Cat5e/6 cable
- Plug and play operation
- Repeat up to four sets to extend HDMI range up to 918ft (280m)
- Bi-Directional IR
- MVE-AH1H1-01GQ and 1,300ft (400m) for the MVE-AH1H1-02ZQ
- MVE-AH1H1-02ZQ Only:**
- Bi-Directional RS-232 – Send RS-232 commands from a control system to the display and back without extra cabling
- Ethernet pass-through – 100BaseT Ethernet pass-through to connect remote displays to local networks

HDMI Extender over Dual Cat5e/6



Dual
Cat5e/6

Model Number

MVE-AH010Q

Range: 196ft (60m) at 1080p

Specifications

Maximum resolution	1080p	
Deep color	24-bit	
Video formats supported	High-speed HDMI, HDCP 1.2	
Audio formats supported	LPCM, Dolby-Ac3, DTS7.1, DSD	
Output video	HDMI	
Range (1080p)	Cat6	Up to 196' (60m)
	Cat5e	Up to 98' (30m)
Cat5e/6 wiring standard	T568-B	
Operating voltage	5VDC	
Operating temperature	32°~104° F (0°~40° C)	
Weight	4.1-oz (116g) (each)	

Features

- Extend 1080p HDMI signals up to 196ft (60m) over two Cat5e/6 cables
- Plug and play operation
- IR Pass-Through – Send IR signals from the HDMI source to the HDMI monitor for discrete operation of devices

HDMI Extender over IP



Model Numbers

MVE-AHMPM-01NQ
HDMI over IP Kit
(1 Transmitter and 1 Receiver)

MVE-AHMPM-01NRQ
HDMI over IP - 1 Receiver

Specifications

Resolutions supported	1080p/1080i/720p/576p/576i/480p/480i
Video formats supported	DTV, HDTV
Output video	HDMI
Range (1080p)	Cat5e/6 Up to 393' (120m)
Cat5e/6 wiring standard	T568-B
Operating voltage	5VDC
Operating temperature	23°~95° F (-5°~35° C)

Features

- Extends 1080p HDMI signals up to 393ft (120m) over a single UTP Cat5e/6 cable
- Direct connection point to point units can be connected directly to each other
 - 1 to many: 1 Transmitter to many receivers
 - Many to many: Multiple transmitters to multiple receivers using VLAN switches
- HDCP compliant
- Can be cascaded for many layers by adding more Ethernet switches
- With wideband IR (38-56kHz) control to the source
- Supports TCP/IP protocol
- With mounting ears

HDMI Extender over Single Coax



Coax

Model Number

MVE-AA11-01NQ
Range: 328ft (100m) at 1080p

Specifications

Resolutions supported	1080p/1080i/720p/576p/576i/480p/480i
Deep color	36-bit
Video formats supported	High-speed HDMI, HDCP 1.1
Audio formats supported	LPCM, Dolby-Ac3, DTS7.1, DSD
Output video	HDMI
Range (1080p)	RG6 Up to 328' (100m)
Coaxial cable	RG6
Operating voltage	5VDC
Operating temperature	32°~104° F (0°~40° C)
Weight	4.2-oz (120g) (each)

Features

- Extend 1080p HDMI signals up to 328ft (100m) over a single coaxial cable
- Plug and play operation
- IR Pass-through – Send IR signals from the source to the monitor for discrete operation of devices
- The HDMI Extender over Coax Cable supports both progressive and interlaced formats: 1080p/1080i/720p/576p/480p/480i.

Long-Range Wireless Extender for HDMI



Wireless

Model Number

MVE-AH1W1-01NQ
Range: 656ft (200m) at 1080p

NEW

Specifications

MVE-AH1W1-01NQ	Transmitter	Receiver
Transmission frequency	5.1~5.9 GHz	
Deep color	24-bit	
Bandwidth	40MHz	
Video formats supported	High-speed HDMI, HDCP 1.2	
Audio formats supported	LPCM, Dolby-AC3, DTS7.1, DSD	
Latency	<200ms	
Encryption	AES 128	
IR Pass-through	20~60kHz	
Dimensions	7 ¹¹ / ₁₆ "x5 ⁷ / ₁₆ "x1 ¹ / ₄ " (195x138x31 mm)	
Operating temperature	32°~140° F (0°~60° C)	
Weight	18.7-oz (531g)	18.6-oz (528g)

Features

- Wirelessly transmits high-definition video and audio wireless between transmitter and receiver
- Range: Up to 656ft (200m)
- Support resolutions up to 1080p
- Signal can pass through walls
- IR Pass-through carries remote control signals from the monitor's location back to the source
- Supported resolutions: 1080p/1080i/720p/576p/576i/480p/480i
- Two 5VDC adapters included

HDMI over Power Line (PLC)



PLC

Model Number

MVE-AH1L1-01NQ

NEW

Specifications

Maximum resolution	1080p (50/60 Hz)
Transport protocol	HDbitT
Range (1080p)	Up to 984ft (300m)
IR Remote support	Up to 20~60 kHz IR
Input voltage	100~240 VAC
Enclosure	ABS Plastic
Operating temperature	32°~140° F (0°~60° C)
Dimensions	5 ¹⁵ / ₁₆ "x3 ⁵ / ₈ "x1" (150x92.7x25 mm)

Features

- Send HDMI signal over household power lines
- No need to use new wires
- Transmit signal up to 984ft (300m)
- Supports resolutions up to 1080p @ 60Hz
- IR Pass-through for remote control extension
- HDMI loop output for local HDMI output
- Reduce labor cost and installation time

4K HDMI® Splitters



MVD-AH14-01Q



MVD-AH12-01Q



MVD-AH18-01Q



Model Numbers

MVD-AH12-01Q
4K 1x2 HDMI Splitters

MVD-AH14-01Q
4K 1x4 HDMI Splitters

MVD-AH18-01Q
4K 1x8 HDMI Splitters

Specifications

Input video signal	3.3V
Input DDC signal	5Vp-p (TTL)
Maximum single link range	4K*2K@30hz
Deep color	48bit
Video formats supported	High-speed HDMI, HDCP 1.4
Audio formats supported	LPCM, Dolby-AC3, DTS7.1, DSD
Resolutions supported	4K/1080p/1080i/720p/576p/576i/480p/480i
Operating voltage	5VDC

Features

- Transmit an HDMI source to up to eight different HDMI displays
- Supports up to 4K/2K resolution and 3D video
- Individual status LEDs for each HDMI output
- EDID Management settings
- One (1) 5VDC Power supply included

4K HDMI® Switchers



MVS-AH31-01NQ



MVS-AH51-01NQ



Model Numbers

MVS-AH31-01NQ
4K 3x1 HDMI Switcher

MVS-AH51-01NQ
4K 5x1 HDMI Switcher

Specifications

Model	MVS-AH31-01NQ	MVS-AH51-01NQ
HDMI Inputs	3	5
Resolutions supported	4K/1080p/1080i/720p/576p/576i/480p/480i	
Maximum single link range	4K*2K@30Hz	
Input DDC signal	5Vp-p (TTL)	
Deep color	48bit	
Video formats supported	High-speed HDMI, HDCP 1.4	
Audio formats supported	LPCM, Dolby-AC3, DTS7.1, DSD	
Power supply	USB Power	
Dimensions	3 7/16" x 2 3/8" x 3/4" (87x60x19 mm)	

Features

- Add three or five HDMI inputs to almost any high-definition TV or HDMI display
- Supports up to 4K/2K resolution and 3D video
- Includes remote control for switching between inputs
- Individual status LEDs for each HDMI input
- Switch will automatically select the active input for added convenience

High-Speed HDMI Cables



Gold-plated connectors



Model Numbers

MC-1102-18NQ
18in (0.5m), 28AWG
MC-1102-03FQ
3ft (1m), 28AWG
MC-1102-06FQ
6ft (1.8m), 28AWG
MC-1102-10FQ
10ft (3m), 28AWG
MC-1102-16FQ
16ft (5m), 28AWG
MC-1102-20FQ
20ft (6m), 26AWG
MC-1102-25FQ
25ft (7.6m), 26AWG
MC-1102-30FQ
30ft (9m), 26AWG
MC-1102-50FQ
50ft (15m), 26AWG

Features

- 3D Support
- 4K Support
- Up to 1080p
- Supports Ethernet (100Mb/s)
- Category 2 cable
- Lifetime warranty

IR over HDMI Kit



Model Number

MVE-PN11-01Q

Specifications

Video formats supported		High-speed HDMI with 3D, HDCP 1.2
Frequency		33~60 kHz (Dual band)
Dimensions	IR Transmitter	1 ¹ / ₈ "x1 ¹ / ₁₆ "x1 ¹ / ₂ " (30x18x12 mm)
	IR Receiver	1 ¹ / ₈ "x1 ¹ / ₁₆ "x1 ¹ / ₂ " (30x18x12 mm)
	HDMI Adapter	1 ¹ / ₈ "x7 ⁷ / ₈ "x3 ³ / ₈ " (30x22x10 mm)
	Cable	4.5' (1.45m)
	Jack	3.5mm
Weight		2.2-oz (62g)

Features

- Add IR remote pass-through to installations where an HDMI source is in a different room than the HDMI display using existing HDMI cables
- Discreet design – adapters install between the devices and the HDMI cables
- Includes 2 HDMI adapters, 1 IR transmitter, and 1 IR receiver
- IR Transmitter and receiver are each built with a 4.5ft (1.45m) cord for added convenience while installing
- Compatible with other ENFORCER products (sold separately): 4x1 HDMI Switch (MVS-AH41-01NQ) and 1x4 HDMI Splitter (MVD-AH14-01NQ)

HDMI to VGA Converter

MVA-HV01Q

NEW

- Supports input resolutions up to 1920x1080
- Supports up to 1920x1080 on VGA output
- Converts HDMI to VGA+Audio
- Stereo audio output
- Plug and play operation

HDMI



VGA to HDMI Converter

MVA-VH01Q

NEW

- Converts VGA and stereo audio to HDMI
- Plug and play operation
- Supports resolutions from 640x480 to 1280x1024
- 5VDC Power supply included

HDMI



HDMI to Composite Converter

MVA-HT01Q

NEW

- Converts HDMI to composite video + stereo audio
- Supports input resolutions up to 1920x1080
- Supports NTSC or PAL output
- Stereo analog audio output
- Plug and play operation

HDMI



Composite to HDMI Converter

MVA-TH01Q

NEW

- Converts composite video and stereo audio to 720p or 1080p HDMI
- Supports NTSC, PAL, and SECAM video inputs
- Stereo audio input
- Switch for switching between 720p and 1080p upscaling
- Plug and play operation

HDMI



HDMI Coupler

MC-2201Q

NEW

- For joining two HDMI cables
- Compatible with all 19-pin HDMI cables
- Gold plated contacts
- Female-to-female



HDMI Angled Coupler

MC-2101Q

NEW

- For joining two HDMI cables
- Compatible with all 19-pin HDMI cables
- Gold plated contacts
- 180° Swiveling male-to-female



HDMI Repeater

MVR-HH01Q

NEW

- Extends high-definition video and digital audio up to 115ft (35m)
- Supports resolutions from 480i to 1080p

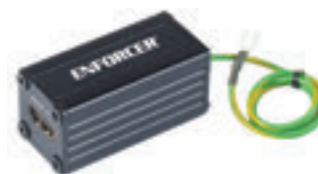


HDMI Surge Protector

VS-1AHHAQ

NEW

- Helps prevent damage to sensitive HDMI equipment such as players, monitors
- Intercepts repeated surges and spikes that could damage HDMI A/V equipment
- For more information see page 72



Passive VGA Extender



Single
Cat5e/6

Model Number

MVE-SV010Q

Range: 196ft (60m) at 1280x1024

Specifications

VGA Connectors		Female, 15-pin
Number of inputs		1
Number of outputs		1
Range	640x480 pixels (15MHz)	443' (135m)
	800x600 pixels (30MHz)	344' (105m)
	1024x768 pixels (60MHz)	246' (75m)
	1280x1024 pixels (100MHz)	196' (60m)
Operating temperature		32°~131° F (0°~55° C)
Weight (single unit)		5-oz (142g)

Features

- Uses Cat5e/6 cable instead of heavier, more expensive VGA cables
- Sold in pairs: One for the video source, one for the monitor
- Small size, only 2½"x2⅝"x1" v(64x67x25 mm)
- Passive Operation- No external power
- Transmits VGA signals from personal computers, digital video recorders, video splitters, or similar video sources with a VGA output to CRT or LCD monitors or VGA projectors
- Works with video signals of up to 1280x1024 pixel resolution

VGA Distributor over Cat5e/6



Single
Cat5e/6

Model Numbers

MVD-V1201-1Q

1 Input, 2 outputs

MVD-V1101-1RQ

Additional receiver

Specifications

Model	MVD-V1201-1Q	MVD-V1501-1Q
VGA Connectors	Female 15 pin	
Number of inputs	1	
Number of outputs	2	5
Number of local outputs	1	
Vertical frequency range	60/75/85 Hz	
Range	640x480; 800x600	984' (300m)
	1920x1080; 1600x1200	492' (150m)
	1280x1024	459' (140m)
Weight	Transmitter	7.3-oz (208g)
	Receiver	11-oz (312g)
Current draw	3.8-oz (108g)	
Operating temperature	400mA@5VDC	
External power supply	32°~158° F (0°~70° C)	
	20A@5VDC (2 adapters included)	

Features

- Transmits VGA signals from personal computers, DVRs, or video splitters to CRT or LCD monitors or VGA projectors.
- Local output allows for playback at a local station as well as remote stations
- Extends the range of VGA and stereo signals to up to 984ft (300m) over one Cat5e/6 cable.
- Gain and peak adjustments to account for different UTP cable lengths. Use gain for brightness adjustment and peak for skew adjustment.
- Supports up to 1920x1200 resolution.
- Works with monitors, projectors, HDTVs, and flat panel screens.
- Each set includes one transmitter and one receiver, and is plug-and-play ready

MVD-V1101-1RQ – Additional / Replacement Receiver

- Additional receiver for MVD-V1501-1Q. One transmitter can operate with up to four receivers.
- Replacement receiver unit for MVD-V1201-1Q.

Wireless Alert System

- Up to 1,000ft (305m) transmission range*
- 18 Programmable ringtones
- Connect up to 4 wireless transmitter accessories
- Audible and visual alert via built-in speaker and flashing light
- Wall or desktop mountable
- Output terminals for optional auxiliary device
- Each channel independently programmable
- System includes receiver and transmitter (RA-4961Q and RA-4961-PBQ)



Model Number

RA-4961-K1Q

Specifications

Frequency	914.8MHz	
Channels	4	
Accessories per channel	1	
Relay Output (channel 4 only)	1 Form C Relay, 1A@50VDC	
Power supply	3 "C" batteries or 6VDC power adapter (Both not included)	
Current draw	Standby	0.3mA
	Max	220mA
Estimated battery life	270 days (3 triggers/day)	
Receiver low battery indicator	Notification LED flashes every 5 seconds	
Accessory low battery indicator	Zone LED for accessory blinks continuously	
Sound level (dB)	Up to 96dB@1ft(30cm)	
Operating temperature	32°~140° F (0°~60° C)	
Dimensions	5 1/4" x 1 9/16" x 6 5/8" (133x40x169 mm)	

Wireless Pushbutton

RA-4961-PBQ

- Use as a wireless doorbell
- Up to 1,000ft (305m) transmission range*
- Easy installation
- Note: that 1pc of RA-4961-PBQ is included with the RA-4961-K1Q



Wireless Indoor PIR Sensor

RA-4961-PRQ

- Wirelessly monitor entryways, rooms, or other areas
- Up to 1,000ft (305m) transmission range*
- Sensing range up to 26ft (8m)
- Programmable activation time
- Runs on batteries for a convenient, wireless installation
- Adjustable mounting angle



Wireless Magnetic Contact

RA-4961-MCQ

- Wirelessly monitor windows, doors, or other areas
- Up to 1,000ft (305m) transmission range*
- Activates each time the door or window is moved
- Magnet can be placed on either side
- Adhesive mount – no screws required



Wireless Mailbox/Tilt Sensor

RA-4961-MBQ

- Wirelessly monitor mailboxes or any tilting motion
- Up to 1,000ft (305m) transmission range*
- Mounts to standard mailbox flaps or other flat surfaces that may tilt
- Adhesive mount – no screws required
- Adjustable sensing angle



Wireless Outdoor PIR Sensor

RA-4961-DSQ

- Wirelessly monitor driveways, walkways or other areas
- Up to 1,000ft (305m) transmission range*
- Programmable activation time
- Programmable sensing range up to 39ft (12m)
- Runs on batteries for a convenient, wireless installation
- Adjustable mounting angle



Wireless Vibrating Receiver

RA-4961-VPQ

- Functions similar to the RA-4961-K1Q receiver
- Audible, visual and physical alert via built-in speaker, LEDs and vibration
- Belt clip and small size for easy portability
- Each channel independently programmable



* Line of sight. Transmitter range will vary depending on installation and operation environment

Wireless Motion Alert

RC-135Q

NEW

- Provides audio and/or visual alert when triggered
- Sensor range up to 26ft (8m) at 40° angle at 3ft (1m) height
- Up to 390ft (120m) transmission range between sensor and receiver*
- 4-position switch: Off, Silent, Low, High
- Battery operated (3 AAA for sensor and 2 C for receiver)
- Receiver can be powered by a 500mA@6VDC power adapter (not included)
- Battery life for sensor is up to 6 months and for receiver is up to 3 months (based on 4 triggers/day on High mode)
- Low battery indicators



Auto Voice Reminder

AS-1511

NEW

- Easily record personal reminders, warnings or other messages
- Play a welcome message to customers in commercial establishments
- Record custom message up to 15 seconds
- Adjustable volume (Low, High, Off)
- Sensor detection angle and range 100°@30ft (9m)
- Easy installation, no hardwiring necessary
- Battery operated (3 AAA batteries, not included)
- Battery life is up to 2 months (10 triggers/day)
- Wall-mountable



Motion Entry Alert

AS-6111Q

NEW

- Mount above door or other entry point to alert when someone enters or exits
- Sounds for approximately 4 seconds or for as long as the sensor detects changes in visible light
- CDS sensor operates by detecting sudden changes in visible light
- Sensor range 10ft (3m)
- Designed for motion alerts only
- Low current drain (0.05mA standby)
- Provides an audible alert (doorbell sound) when triggered
- Battery operated (3 AAA batteries, not included)



Wireless Doorbell

AC-132Q

NEW

- Battery operated
- Operating range of up to 492ft (150m)*
- Automatic Pairing
- Weather Resistant push button (IP44) with LED indicator
- 32 sounds and volume control on the receiver (included)
- Requires 1x CR2032 battery (included) for push button and 3 AA batteries (not included) for the receiver



* Line of sight. Transmitter range will vary depending on installation and operation environment

Occupancy Notification System



Sensor Transmitter



1-channel
LED receiver



LED on



2-channel
LED receiver



LED on

Model Numbers

ON-R100-KM1Q
Occupancy Notification System

NEW

ON-R100-TLQ
Transmitter

NEW

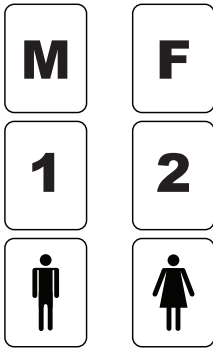
ON-R100-R1Q
1-Channel receiver

NEW

ON-R100-R2Q
2-Channel receiver

NEW

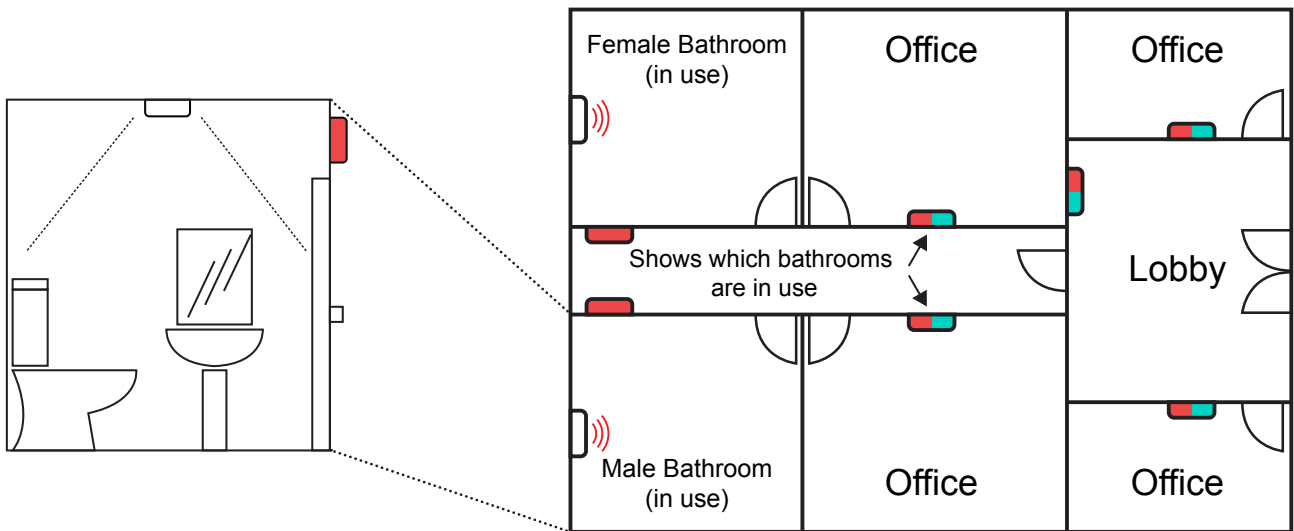
Additional Decals Included



Features

- Each kit comes with a transmitter and receiver, additional transmitters and receivers available
- Simple enough for DIY installation
- Monitor up to 2 rooms. (bathroom, storage room, changing room, small conference room, private office, hallway, computer room, dental exam room, barn, etc.)
- When used for bathroom occupancy, can:
 - Reduce traffic jams and waiting time
 - Increase privacy – no more knocking to check or peaking underneath stalls
- Monitor use time – know when someone has been using a room for too long
- Detects occupancy via PIR, light, or both
- Redirect traffic when a room is in use
- Each transmitter can be monitored by an unlimited number of receivers
- Choose from 2-Ch desk/wall mount receiver or 1-ch wall mount receiver
- Power: 5~12 VDC, micro USB or terminal block
- Multiple decals included

Application



On-Site Security Camera



OC-201-2BQ

OC-201-2B3Q*

HD

3G*

1080p
Resolution

Model Numbers

OC-201-2BQ

24 IR LEDs, 16MP CMOS,
1080p Video + Audio

OC-201-2B3Q*

24 IR LEDs, 16MP CMOS,
1080p Video + Audio + 3G

Specifications

IR LEDs	24
PIR detection angle	120°
PIR detection range	82ft (25m)
Weatherproof design	IP54
Video output	1080p@15FPS 720p/VGA@30FPS
Video format	JPEG / AVI
White balance	Auto
Time-stamp	Yes
Power	4 or 8 AA batteries (not included) or DC power
Time lapse	5~300 seconds (programmable)
TV Out	NTSC/PAL

Features

- On-site security surveillance
- PIR – 120° triggering angle
- 24 IR LEDs for low-light situation
- Trigger time: 0.5sec
- Triggering interval (1sec to 30 mins)
- 2.0" TFT Screen
- Supports up to 32G card for recording
- Takes photos, video, or both when:
 - Motion is detected
 - Time Lapse (1sec to 24 hours)
 - Manually via remote

OC-201-2B3Q only:

- Supports 3G Network
- Send video or photos to email or MMS (cell phone)

Covert HD Book Camera



HD

1080p
Resolution

Model Number

EV-6991-N3BQ

Specifications

Resolution	1080p
Frame rate	30FPS
Viewing angle	72°
PIR detection angle	60°
PIR detection distance	26' 1/4" (8m)
Max PIR standby time	2 years
Max continuous recording time	Day: 30hrs Night: 10hrs

Features

- PIR sensor for tracking movement
- High capacity 10,000mAh battery lasts up to 2 years
- 1080p resolution at 30FPS
- Record video continuously or use motion detector to trigger recording
- Audio recording can be enabled/disabled
- Night vision recording (up to 16ft (5m))
- USB chargeable (micro USB)
- Optional loop recording
- Programmable date and time
- Supports up to 32G card for recording

Wireless Entry Alert System



Features

- For monitoring a driveway or for use as an entrance indicator
- No wiring necessary between sensor and speaker
- Sensor is weatherproof for outdoor use
- Speaker makes a chime or alarm sound when the beam is interrupted
- Wireless range: Up to 328ft (100m) between the sensor and speaker
- Sensor range: Up to 22ft (7m)
- Each sensor can be connected to an unlimited number of speakers
- Each speaker can be connected to up to 5 sensors
- Simple installation with no hard wiring required – all components are either wireless or plug into each other
- Mounting brackets available (see page 91)

Model Number

E-931CS22RFCQ

Sensor range: Up to 22ft (7m)
Wireless range: Up to 328ft (100m)

Accessories

E-931ACC-SFQ

Additional wireless speaker



E-931ACC-CQ

Digital counter, plugs into speaker



E-931ACC-RC1Q

3" (76mm) Round reflector



E-931ACC-HR1Q

Hood for reflector

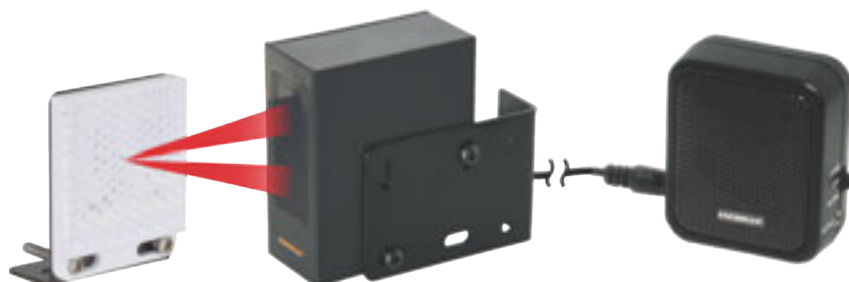


E-931ACC-SPQ

Solar charger for sensor unit



Entry Alert System



Features

- For monitoring an entrance or using as an entrance indicator
- Photoelectric beam sensor
- Makes "ding-dong" or siren sound if beam is interrupted
- Speaker volume can be adjusted or turned off
- When in siren mode, sounding time is adjustable from 3~30 seconds
- 9VDC Adapter included
- All components plug into each other - No hard wiring required
- 32ft Cable from speaker to sensor
- Mounting brackets available (see page 91)

Model Number

E-931CS22RRCQ

Sensor range: 22ft (7m)

Accessories

E-931ACC-SQ

Additional speaker



E-931ACC-CQ

Digital counter, plugs into speaker



E-931ACC-RC1Q

3" (76mm) Round reflector



E-931ACC-R2Q

2" (50mm) Square reflector



E-931ACC-HR1Q

Hood for reflector



Wireless Outlet Controller

Model Number

LS-1K153-Q

NEW

Features

- Wirelessly control devices or appliances from up to 100ft (30m) away
- Prolong mechanical life of a switch by remotely controlling the device
- Reduce wasted standby power and reduce energy use
- Low power consumption
- Easily expand up to multiple devices with self-learning remotes
- Remote compatible with wireless light sockets
- Working voltage: 120V (50Hz)
- Max Current and Power: 10A (1200W)



Intertek
Conforms to UL325-2016



Parking Alert

AS-7021

NEW

- Ultrasonic sensor allows precise parking in a garage or parking spot
- Adjustable sensing distance
- Wall mountable using either double-sided foam tape or screws
- Simple traffic light colors indicate distance
 - **Green:** Vehicle detected
 - **Yellow:** Warning
 - **Red:** Stop
- Battery operated with low-battery indicator (batteries not included)

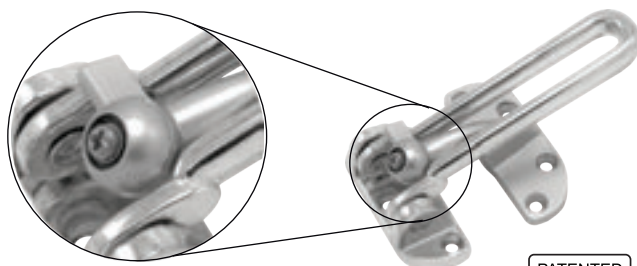


Anti-Pick Safety Door Latch

DG-311M

NEW

- Patented anti-pick swing latch design. Cannot be unlocked from the outside
- Used as a secondary security lock for hinged in-swinging doors
- Zinc diecast and satin nickel finish
- Easy to install and use



PATENTED

Dummy Dual Beam Sensor

BD-T100Q

- Strong ABS plastic construction
- Wall- or pole-mountable
- Single battery-powered flashing LED (requires 2 AA batteries)



Water Leak Alarm

AS-7131Q

NEW

- Detect water leaks before they become a problem
- Up to 125dB sound when triggered
- Easy to install and operate
- Up to 5 years of battery life



Entry-Level Alarm

Model Number

E-100LB
Entry-level alarm



Features

- Miniature alarm brain
 - Patented Q.Q.T. for quick and quiet test
 - Fail-safe arming
 - Patented Phase-5 Protection
 - Dual power protection (D.P.P.)
- Multi-tone siren
 - Super-small, 3-tone, 124dB. No "toy" sounds.
- Dual-stage shock sensor (patented)
- 5-Function LED
- Multi-function push button (VET)
- Two 4-Button, 2-Channel Transmitters
 - Use for 2nd channel (trunk release) and panic.
 - Quiet Mode overrides chirp through remote.
- Instant triggering
- Flashing parking lights (Built-in relay)
- Door lock outputs (Pos./Neg. Flip-Flop)
- Starter disable output
- Multiple programming functions

Full-Featured Alarm System

Model Number

E-300L
3-Channel alarm system



Features

- Instant triggering with multiple trigger inputs
- Miniature alarm brain
 - Patented Q.Q.T. for quick and quiet test
 - Fail-safe arming
 - Phase-II protection
- Two 3-button transmitters
 - 2nd & 3rd channel output, plus second car operation
- Dual-stage shock sensor (patented)
- Dual-stage glass-break sensor
- Multi-tone siren
 - Super-small, 3-tone, 124dB, no "toy" sounds
- 5-function LED
- Multi-function push button (VET)
- Flashing parking lights
- Door lock outputs (+ or -)
- Starter disable
- Domelight supervision
- Multiple programming functions:
 - Active/passive arming
 - Chirp/no chirp
 - 0.4/6.4-sec. door lock/unlock output
 - N.O./N.C. trigger input
 - Autolock or active locking of doors
 - Permanent disarm or automatic rearm
 - Current and/or switch sensing (with fan bypass)
 - Ignition lock/unlock on/off
 - Automatic Starter Disable on/off

High-End Keyless Entry Alarm

Model Number

SLI® 840
High-end keyless entry/alarm



Features

- Miniature alarm brain
 - All-modular connections
 - Patented Q.Q.T. for quick and quiet test
 - Patented Fail-Safe arming.
 - Phase II protection.
- Multi-tone siren and separate Horn-honk outputs
 - Small, 3-tone, 124dB, no "toy" sounds.
- Two 4-button, 2-channel "Icon" Remotes
- Dual-stage shock sensor (Patented)
- 7-Function LED
- Multi-function push button (VET)
- Door lock outputs (+/- reversing)
- Starter disable (- output)
- Domelight supervision (- output)
- 13 Programming Functions

Keyless Entry Upgrade Alarm

Model Numbers

SLI® 820

Keyless entry upgrade

SLI® 820RA

Keyless entry upgrade, no siren



Features

- Easily turns most factory keyless entry systems into complete security systems
- Uses the vehicle's OEM transmitters to arm and disarm system
- Automatically learns polarity of vehicle's door locks for simple installation
- Includes dual-stage electronic shock sensor
- Built-in parking light relay
- Starter disable output
- Pushbutton included for valet and emergency disarm (VET)
- LED indicates arming
- 5 instant-triggering zones
- Defective zone bypass
- Patented fail-safe arming
- Programmable

Touchkey Immobilizer

Model Number

SLI® 762FP-ISS

Touchkey immobilizer



Features

- Fully automatic arming 30 seconds after ignition is turned off
- Disarm by inserting Touchkey into Backlit Receptacle
- Immobilization of up to 2 electrical circuits
- 2 Touchkeys supplied with each unit. Up to 4 Touchkeys can be learned with a simple code learning procedure
- Unique security code to override if Touchkey is lost or stolen
- 2 Built-in 30-Amp relays
- Stylish backlit receptacle for easy use and operation at night
- All code information is stored in non-volatile EEPROM memory to protect data in case of power loss
- LED located in backlit receptacle flashes to indicate immobilizer is armed, disarmed, or triggered
- Stealth installation—all black wires
- Multiple car operation: One Touchkey can control multiple vehicles

Passive Proximity Immobilizer

Model Number

SLI® 762PP-ISS

Passive proximity immobilizer



Features

- Fully automatic arming 30 seconds after ignition is turned off
- Simple disarming. Immobilizer automatically reads Controller when starting ignition. No buttons to push
- Immobilization of up to 3 electrical circuits
- 2 Built-in 30-Amp relays and 1 transistor output
- All code information is stored in non-volatile EEPROM memory to protect data in case of power loss
- Stealth installation—all black wires
- 2 Controllers supplied with each unit. Up to 4 controllers can be learned with simple code learning procedure
- Unique security code for override if controller is lost or stolen
- The flexible sensing coil can be mounted in many positions to make installation easier
- LED flashes to indicate Immobilizer is armed, disarmed, or triggered
- Multiple car operation—One controller can work with multiple vehicles

Vehicle Accessories

Dual-Stage Microwave Sensor

SLI® 259A

- Dual-stage protection – Chirps siren if exterior zone violated, triggers alarm if interior zone is violated



Dual-Stage Electromagnetic Shock Sensor

SS-052B

- Dual-stage protection – Chirps siren if car lightly tapped, triggers alarm on break-in or vandalism attempts



Dual-Stage Glass-break Sensor

SS-051ME

- Includes remote microphone
- Dual-stage protection – Chirps siren on light tap of window, triggers alarm on break-in



2 & 4 Window Roll-up Modules

SR-5220A /SR-5440A

- Compatible with most power window systems



Power Door Lock Interface

SR-5201R

- Allow nearly any alarm to control nearly any power door lock type



Relay

X-187-037-1SC

- SPDT, 12V, 30A/40A Heavy-duty automotive relay



3-Tone Siren

SH-532L

- Three tones
- 124dB Multitone



Pin Switches

SS-061LSN

PATENTED

- Patented heavy-duty long steel body with nylon fiberglass shaft and stainless steel contact terminal



SS-066TL

- Pin switch



Dashboard Camera with GPS



1080p
Resolution

GPS
Built-in

HD

Model Number

DC-200GQ
1080p Dashboard Camera

Accessories

DC-ACC-CS1Q
Cigarette lighter
adapter socket



Benefits

- Provide video evidence
- Prevent insurance fraud
- Keep visual record of accidents
- Capture scenic drives
- Document your travel and route
- Video black box
- Monitor employees and company fleet vehicles
- Monitor driving speed
- Record vehicle audio
- Use as camera to document accidents
- Fight police tickets with video evidence
- Record lawbreakers
- Prevent vehicle abuse and misuse
- Report bad drivers
- Share events with friends

Features

- Built-in GPS sensor
- 1080p HD Video recording
- 140° Wide viewing angle
- 3MP CMOS Sensor
- WDR – Captures clear images even in strong backlight
- 2.7" 16:9 Widescreen display
- Can remove from mount and use as a camera to take still images
- F1.6 Aperture for low-light performance
- Store images and video on micro SD card (up to 32GB, not included)
- Exports as MOV format, HDMI output
- Auto start/stop recording
- G-Sensor for automatic file protection
- GPS Tracker logs camera location and speed while recording
- Software playback with Google Maps™

Basic Dashboard Camera



1080p
Resolution

HD

Model Number

DC-100AQ
1080p Dashboard Camera

NEW

Benefits

- Provide video evidence
- Prevent insurance fraud
- Keep visual record of accidents
- Capture scenic drives
- Document your travel and route
- Video black box
- Monitor employees and company fleet vehicles
- Monitor driving speed
- Record vehicle audio
- Use as camera to document accidents
- Fight police tickets with video evidence
- Record lawbreakers
- Prevent vehicle abuse and misuse
- Report bad drivers
- Share events with friends

Features

- 1080p HD Video recording
- 120° Wide viewing angle
- Wide Dynamic Range (WDR)
- 2-inch LCD display
- Motion detection mode - camera automatically starts recording when any movement is detected
- Loop recording from 1~3 minutes
- Automatic emergency recording when collision is detected
- Remove from mount and use as a camera
- Store images and video on microSD card (up to 32GB, microSD card not included)
- 3-Axis G-Force sensor
- AV Output



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