



ELAN[®]

Your world, made simple.[™]



PRODUCT CATALOG



The ELAN Brand Promise

Your world, made simple.

Personalized smart home control

ELAN delivers home automation and control to fit your lifestyle, and adapt with it.

Intuitive one-touch convenience

ELAN makes smart home control easy—from entertainment and music to lighting, climate, security and more.

Now with voice control

Speak to your ELAN system through Amazon Alexa™ for hands-free smart home control, one more way ELAN enhances the connected home.

The enhanced smart home.

Exceptional Entertainment

Dim the lights, warm up the room, and turn on your music—even before you arrive. ELAN intuitively creates perfect moments by applying your preset preferences to an infinite selection of media and system events.

Security and Safety

Protect what matters most with more than a locked door. ELAN integrates seamlessly with top security systems, giving you complete peace of mind—wherever you are.

Environment and Comfort

Remotely control your thermostat, lighting, and shades or allow ELAN to cater to your preferences, maintaining the perfect level of comfort while you're home—and conserving energy when you're not.

Connect and Communicate

Answer the front door from the backyard or accept a delivery while still at the office. ELAN lets you see, hear, and respond to visitors, whether you're on the couch, in the car, or out of the country.



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ELAN Apps

The ELAN Entertainment and Control System is easily personalized to meet your needs.



Home

- One touch, multi-system control for your home
- Arm the security system
- View the front door camera
- Control the lights
- Check the weather
- Create Stay, Away and Vacation automation events



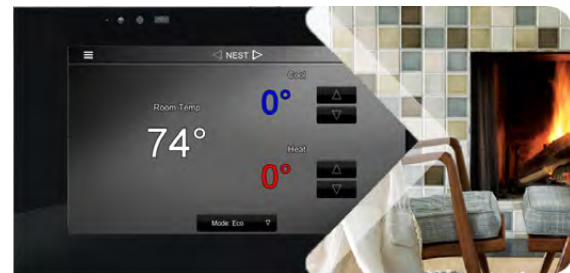
Media

- One touch entertainment system control
- Convenient access to music and movies
- Brilliant cover art and alphabetical list views
- Spotify®, Pandora®, Tuneln® and other internet music
- Control music in other rooms
- Easily create playlists of your favorites



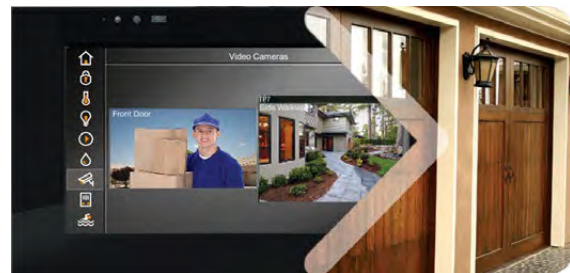
Climate

- Adjust the temperature in one room or many
- Change settings while on the go
- Save energy with scheduling
- Monitor usage with history view
- Perfect for primary and vacation homes



Video/Surveillance

- View who is at the front door
- Monitor the baby's room
- See live and recorded video from anywhere in the world
- Camera features like pan, tilt and zoom
- Perfect for primary and vacation homes



Security

- Integrates and controls your security system
- Replaces unsightly security keypads
- Instantly see if doors or windows are open
- Arm or disarm the system remotely
- Mobile phone alerts and full event history
- Secure and Un-secure door locks



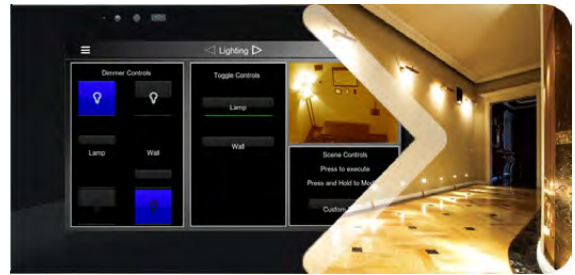
ELAN Apps

The ELAN Entertainment and Control System is easily personalized to meet your needs.



Lighting

- Create and modify event-based scenes
- Astronomical clock changes lighting with the seasons
- Increase your safety by turning on lights as you approach home
- Integrates seamlessly with popular lighting systems



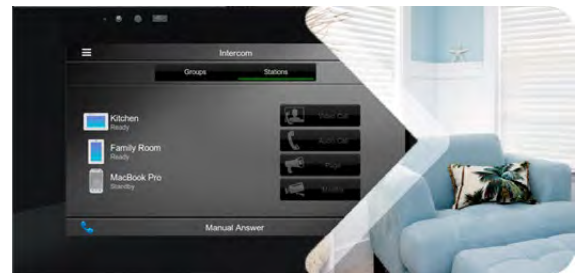
Irrigation

- Easily schedule your irrigation system
- Automatically adjust for the changing seasons
- Remote access for landscaping services
- Group similar zones together
- Save money and the environment



Intercom

- Connect and communicate
- Two-way audio and video
- Unique remote page into the home
- One-to-one and one-to-many communication
- Connect multiple ELAN homes
- SIP door station Integration



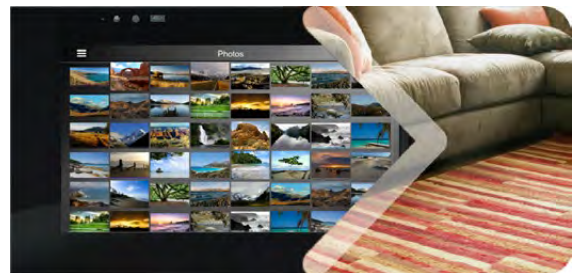
Pool/Spa

- Manage pumps, heaters, covers and water features
- Control pool and landscaping lights
- Monitor pool "health"
- Custom scheduling to fit your lifestyle
- Conserve energy by automatically controlling solar covers



Photos

- View slideshows on your TV
- Turn any touchscreen into a digital picture frame
- Photo albums supported
- Browse family pictures





Redefining the Intercom Experience

With two-way audio and video, plus awesome away-from-home features, ELAN Intercom dramatically changes how you communicate with the world.

Seamless Integration.

ELAN Intercom provides doorbell, paging and true two-way point-to-point intercom functions that are convenient to use both at home and while away. ELAN Intercom supports the widest selection of stations on the market, including ELAN touch panels, Android and iOS mobile devices, SIP compatible door stations, and even PC and Mac computers allowing you to choose the type of station that best fits your lifestyle.

ELAN Intercom allows you to conversationally communicate between any two intercom stations, page from one station to many stations, and page from one station throughout the whole house using your music systems speakers. Because ELAN Intercom treats mobile devices like stations, you can stay in convenient communication with your family no matter where you are, even when you are away from home.

When you page from one location to many stations a family member may connect with a single button press to create a two way conversation. Uniquely, ELAN Intercom allows you to link other ELAN Intercom systems together so that the stations in your guest house or vacation home share the same intercom features as your

primary home. ELAN Mobile provides instant access to your home's systems, including ELAN Intercom, conveniently on your tablets and smart phones. ELAN Mobile app will receive push notifications from ELAN Intercom when you are away from home, allowing you to decide whether you wish to answer without interrupting your activity. When a mobile user wants to unplug, simply enable the Do Not Disturb function. For Mom and Dad there is an override code for Do Not Disturb that will allow you to force page into the kids room when you need to.

ELAN's 7-inch and 12-inch touch panel interfaces feature an integrated camera, mic, and speaker specifically for ELAN Intercom communications. With the ELAN 7" and 12" touch panels you can have full audio and video conversations any time you desire. The ELAN 4" touch panel has the same features with video monitoring along with two-way audio. It can be grouped along with a separate camera to provide video of a specific area, like a baby's crib, while providing audio monitoring. The 7" touch panel can be connected via Wi-Fi and added to almost anywhere in the home.

For rooms serving as a nursery or in-law unit, an ELAN touch panel with the intercom feature doubles as a room monitor, allowing users to check in on loved ones without disturbing them.

ELAN Intercom is also compatible with your television. Utilizing the ELAN g1 controller and a small USB camera, ELAN Intercom brings full two-way audio and video intercom to any display with an HDMI input. Now you can view cameras around the house on the monitor and even play doorbell chimes through the TV speakers. When someone rings the doorbell, the TV will wake up and display who is at the front door. You can then choose whether to converse with them or not.

ELAN Intercom is compatible with a wide variety of IP-enabled door stations, allowing you the most flexibility to choose the features and aesthetics that best fit your project. Many of the door station options include cameras. For those that don't, or for applications where an integrated camera will not capture the desired images, an external camera can be grouped with the station to fit the unique application. ELAN Intercom users can monitor audio and/or video from door stations from any ELAN interface or

INTERCOM User Interface

ELAN Mobile device at any time. IP cameras can be assigned to audio only door stations to add video monitoring.

Because ELAN Intercom is fully integrated within the ELAN Control Platform, integrators can use triggers from devices like doorbell interfaces, door locks, ELAN sense modules and more to create custom event maps that can send whole house pages, alert a mobile user, and more.

ELAN Intercom is the most capable and most flexible intercom system available. It embraces the mobile device revolution while maintaining the functionality of wall mounted devices. When combined with a home automation system that includes music, lighting, climate and more it can provide an unparalleled experience and become the favorite feature in your home.

- Fully featured intercom and paging system whether you are home or away.
- One-to-One and One-to-Many communication between ELAN interfaces and g!Mobile devices.
- Converse between SIP-based door station and any ELAN interface, both inside the home and remotely, while away on your ELAN Mobile app.
- Receive notifications on your mobile device alerting that someone is at the door.
- Built-in transcoder will vary video bitrates to ensure deliverability to remote mobile devices.
- Page over your distributed audio systems speakers.
- Multiple homes? Communicate between them seamlessly with ELAN Intercom.

Compatible with:

The system integrates iOS and Android mobile devices, ELAN gXP12, ELAN gTP7, ELAN gTP4, ELAN On-Screen Display, PC, and Mac.

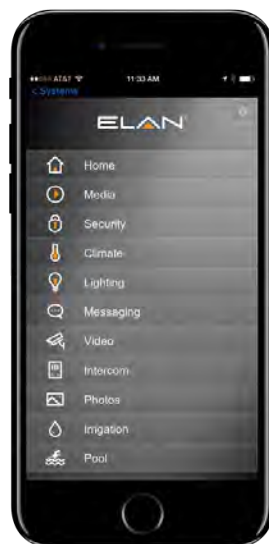


INTERCOM User Interface

FEATURES

- **Multiple Stations** – Up to 32 intercom stations and 16 simultaneous duplex streams at 1 Mbps per controller. Stations can be any combination of gTP4, gTP7, 3rd Party SIP doorstations, ELAN desktop OSD and mobile clients.
- **Remote System Linking** – Link touchscreens between 2 (or more) controllers across the internet. Perfect for linking to a summer house or with extended family.
- **Seamless Mobile Integration** – Communicate with local or remote mobile clients like any local station. Includes notifications even when the g!Mobile app is not running.
- **SIP Doorstation Integration** – A wide variety of choices that allow the door station to best meet your aesthetic requirements.
- **OSD Intercom Station** – Use your TV as an intercom station with an ELAN g1 controller and USB camera with mic.
- **Point-To-Point Calls** – Two-way audio & video calls between compatible stations.
- **Paging** – Broadcast communication from one-to-many stations.
- **Monitoring** – Permission-based monitoring of any active intercom station, including supported SIP doorstations.
- **Page Groups** – Create customer groups of stations to quickly send targeted pages.
- **Video/Audio Stream Pairing** – Tie an audio station stream with any compatible ONVIF video stream to create a virtual intercom station. Perfect for optimally placing a camera separate from the audio doorstation/doorbell box.
- **Configurable Chimes** – Select from the list of pre-loaded chimes to fit your mood.
- **Door Station Call Customization** – Create specific notification instructions in response to a door station button press. If nobody is home to answer the door, you can have the calls seamlessly routed to your mobile devices or even to a Touch Panel in another location.
- **Custom Answer Modes** – Configure answer mode per device, including, (1) Do Not Disturb, (2) Manual Answer, (3) Auto Answer Audio Only and (4) Auto Answer Audio Video.
- **DND Override** – With proper permissions, override a target Touch Panel's Do Not Disturb (DND) setting for emergency communications.
- **Audio Zone Integration** – Target an Audio Zone for doorbell and paging announcements.
- **Intercom Events** – Intercom Page events accessible for automation by your technician.

Learn more at elanhomesystems.com/intercom





NEW!

Advanced Surveillance

ELAN expands the smart home ecosystem with Surveillance.

ELAN Surveillance helps you deliver exceptional security solutions to your customer, and it gives you security when quoting jobs against competitors. ELAN Surveillance products are exclusive to ELAN direct dealers, so you won't get shopped. It's part of our commitment to help you protect your bottom line.

All ELAN Surveillance products are embedded with the ELAN beacon, making them the fastest and easiest surveillance products to install in an ELAN system. Just connect the NVR and cameras to the network and ELAN Discovery takes it from there. Its Auto-Discover and Auto-Configure feature scans your network, including wireless connections, allowing you to provision and install devices with just a click. We've eliminated the need to individually log into each device for setup, saving you substantial time.

ELAN Surveillance delivers a seamless control system integration that rises above the competition. With full control of both the NVR and cameras from a single user interface, your customer no longer needs to switch between the ELAN control app and their surveillance app.

No other surveillance system can match this level of control integration.

ELAN Surveillance places security camera recording and playback directly into the ELAN 8 interface. Just select a camera in the ELAN UI and tap on the NVR button to see its recorded stream. Motion event tick marks enable quick navigation in the timeline view, and also in the new event view, which makes it simple to jump between motion events in an easy-to-read list. Power and simplicity for the installer and the end user – just what you've come to expect from ELAN.

[Learn more at: elanhomesystems.com/Surveillance](http://elanhomesystems.com/Surveillance)



ELAN surveillance cameras feature one-click camera setup with ELAN Discovery.



Illumination from Infrared (IR) LEDs enables night vision up to 30 meters.



Motion in front of the camera will be detected and saved as an event.

ELAN SURVEILLANCE

ELAN's new family of surveillance cameras and network video recorders (NVR) make it simple to find and install on the network. With ELAN Discovery (Auto-Discover / Auto-Configure) dealers have one-click camera setup within ELAN Configurator.

Cameras

FEATURES

- ELAN Discovery One-click setup (Auto-Discover / Auto-Configure)
- 4 Megapixel or 2 Megapixel
- High Dynamic Range (HDR)
- 30m or 16m IR Distance
- Fixed/Varifocal Lenses
- Lens Distortion Correction*
- Advanced Built-in Motion Analytics
- Micro SD Card Slot*
- Alarm In/Out
- 2-Way Audio Support*
- Automatic Gain Control (AGC)
- Operating Temperature: -13°F – 122°F†
- Max Frame Rate: Up to 20 FPS @ 2688x1520†
- 3D Digital Noise Reduction
- 2D Wide Dynamic Range
- Power Over Ethernet (PoE)

*Depending on camera model

†Varies with camera model



SET UP

AUTO
DISCOVER
CONFIGURE

AVAILABLE FORM FACTORS

DOME

BULLET

TURRET

APPLICATIONS

**OUTDOOR/
INDOOR**

INDOOR

LENS TYPE

VARIFOCAL

FIXED

AVAILABLE RESOLUTION

2MP

4MP

AVAILABLE CAMERA COLORS

WH

SS

BK

Network Video Recorder

FEATURES

- ELAN Discovery One-click setup (Auto-Discover / Auto-Configure)
- Record and playback on ELAN UI (Exclusive)
- 1U Rack mountable unit with ELAN aesthetics
- Advanced Built-in Motion Analytics
- Up to 8TB of hard drive space
- Remote access from anywhere in the world with ELAN app
- Dual LAN ports for failure redundancy



Standard view in the ELAN UI of 4 live camera feeds with camera names.

The Design Center

ELAN systems are not just for mansions and yachts, although you'll find them there. Because they are customized and personalized, you'll also find them in a single home media room, in a vacation home, or in a modest apartment. Our technology is modular and expandable, so you'll find an ELAN system for any living space, in every price range. Here are some examples.

Installations Under \$10K

Entertainment in a single room or smaller house

- Media Room
- Home Control & Remote Monitoring

Installations Under \$50K

Whole home entertainment systems for the average house or larger apartment

- Automated Home Theater
- Whole House System

Installations Under \$150K

Whole home entertainment and control systems for larger homes

- Large Scale Home System

Commercial Installations

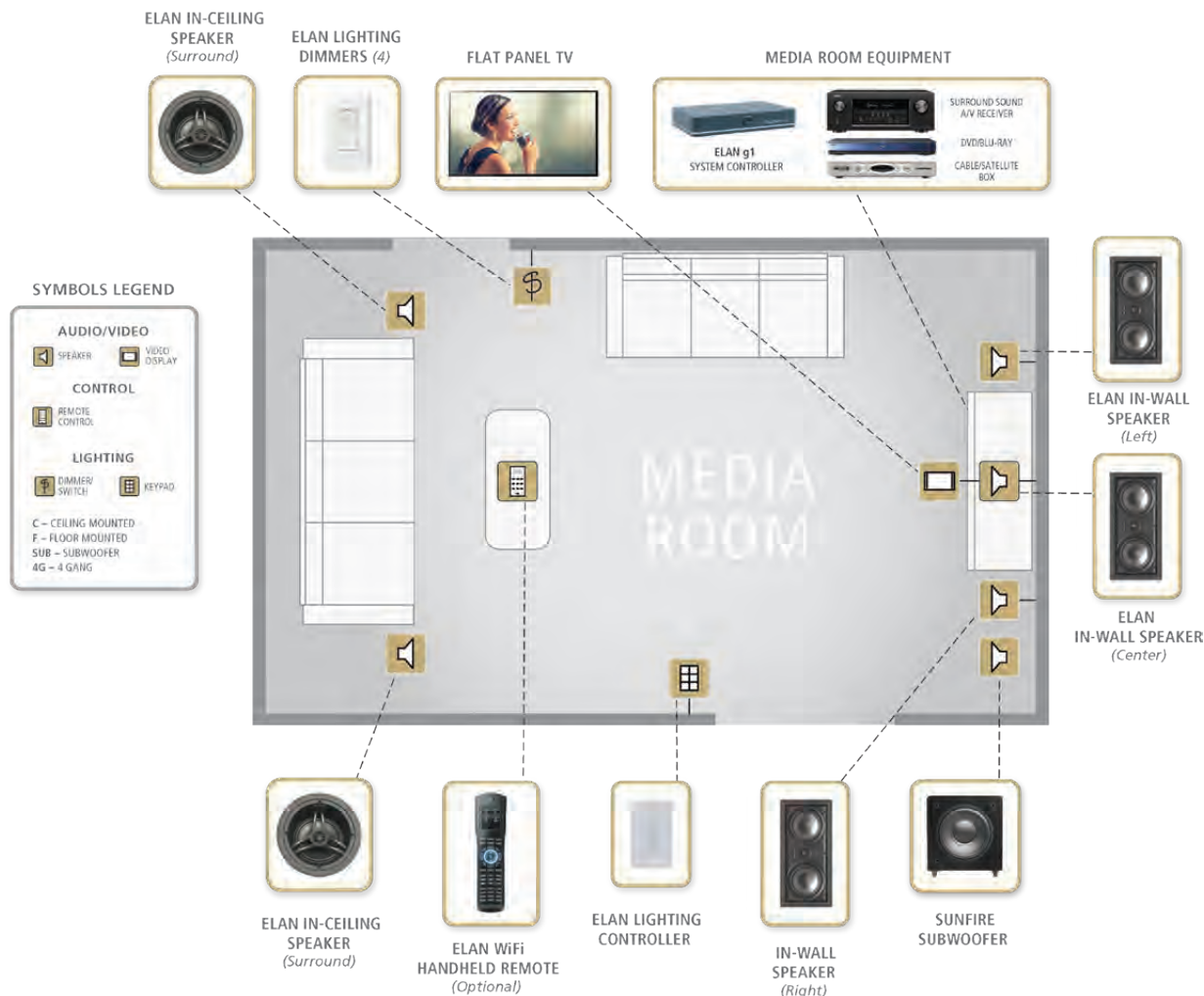
From a lobby to an office to a boardroom to an auditorium

- Building Management
- Boardrooms
- Offices
- Hospitality



Media Room

ELAN puts a world of entertainment at your command. Your customized Media Room may be conveniently controlled by the handheld remote included with the g1 or by any smart device. Optionally, you may add the EL-HR10 for the ultimate in simplicity and convenience. Whether you're watching a game, the latest 3D movie or listening to Pandora, an ELAN solution simplifies and enhances your home entertainment experience.



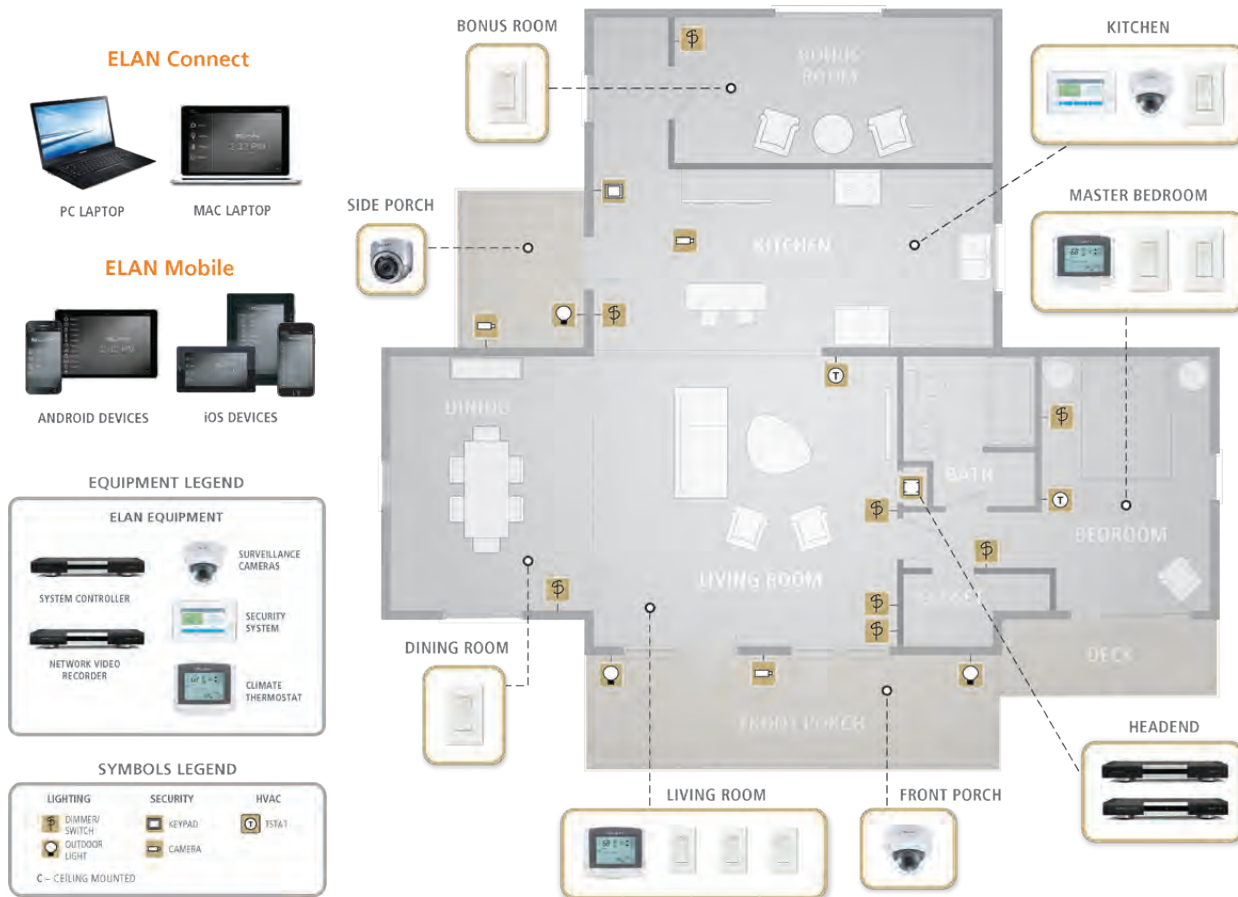
ELAN Media Room Features

- 2-way control of your receiver and surround sound system
- One-button management of movies, TV and video games
- Lighting control creates the right ambience for all media
- DVD or On-Demand? ELAN controls every source

* The system solution profiled here is a representative estimate that includes the specified ELAN equipment and its installation cost. The actual final cost of a system can vary based on the unique requirements of the homeowner, the installation readiness of the home, and the additional third-party manufacturer components selected for the system.

Home Control & Remote Monitoring

With an ELAN system, your home or vacation property is never more than a click away. Think of your peace of mind knowing you can remotely check security status, adjust temperature, control key pathway and outdoor lighting and view live video or recorded footage. And if there is a problem—a heating/cooling issue, a water leak, a frozen pipe—your ELAN system will proactively send an outbound alert to notify you immediately. Access that view from anywhere and make sure your home is energy efficient and safe with ELAN Home Control and Remote access.



ELAN Home Control & Remote Monitoring Features

Your Basic System can include:

- Security Integration
- Thermostat Control
- Lighting Control
- Camera Monitoring
- Remote control from a Mac, PC, iOS or Android Device

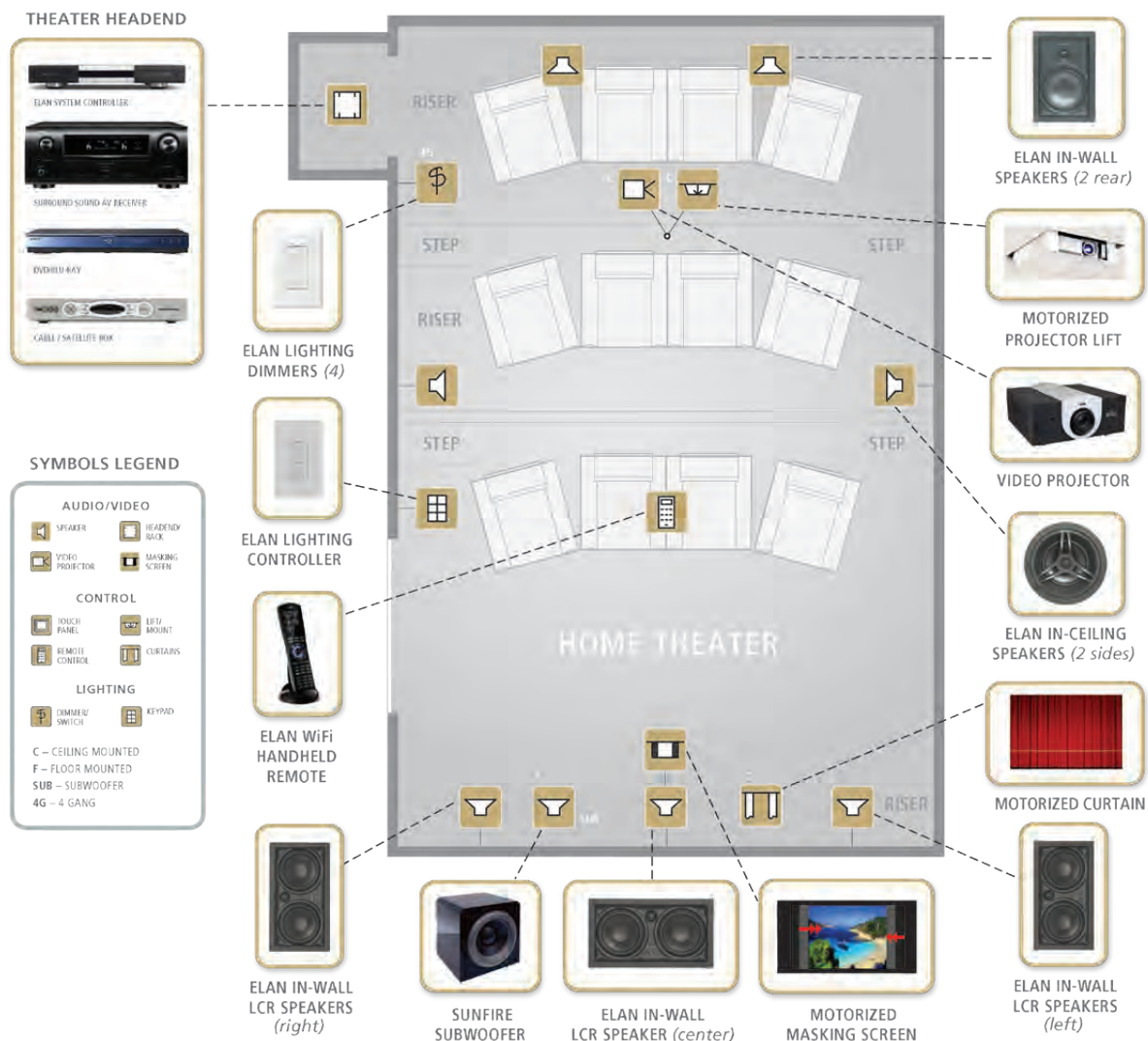
For an Advanced System, add:

- Video camera recording
- Natural resource and energy management with irrigation and pool control

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Automated Home Theater

ELAN can easily expand to control all the additional sources, projectors and motorization found in high-end, dedicated Home Theaters. A handheld remote is your go-to control for quickly adjusting volume, controlling the DVD and other entertainment sources and adjusting lights to create the perfect ambience.



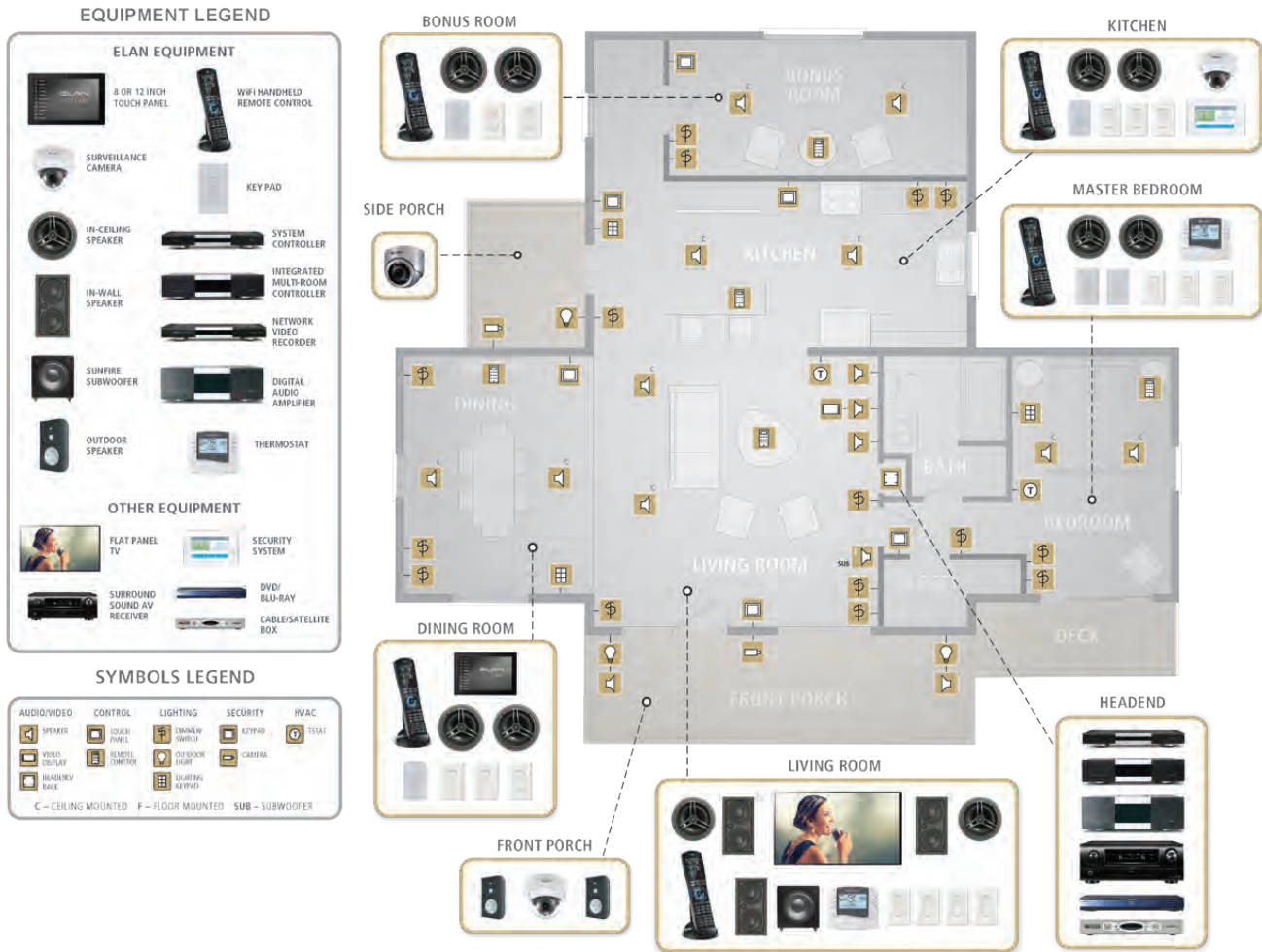
ELAN Automated Home Theater Features

- 2-way control of your receiver and surround sound system
- Control motorized screens, projector lifts and curtains
- One button management of movies, TV and video games
- Lighting control creates the right ambience for all media
- DVD or on-demand? ELAN controls every source

* The system solution profiled here is a representative estimate that includes the specified ELAN equipment and its installation cost. The actual final cost of a system can vary based on the unique requirements of the homeowner, the installation readiness of the home, and the additional third-party manufacturer components selected for the system.

Whole House System

Maybe you're building your dream home or remodeling your present home. Maybe you're downsizing and plan to travel more. Whatever your home plans—a 1,500 sq. ft. city pied-a-terre, a 5,000 sq. ft. suburban home, or a 10,000+ sq. ft. estate home—there is an ELAN Whole Home control system that can help you enhance entertainment, ambience, convenience and security. It's the one vital element that pulls it all together... makes a house the home you always dreamed about... and gives you peace of mind.



ELAN Whole House System

- Six or more areas with music and video
- Control via iPad, iPad mini, Android tablet, in-wall touch screen, or TV screen interface
- Simple and elegant control of all your TVs from a single remote
- Complete home lighting control for ambience, convenience and safety
- Up to 16 video cameras
- Time and event-based recording automation
- Outdoor control solutions for irrigation, outdoor lighting, pool and spa
- In-home and remote access via Mac, PC, iOS or Android Devices

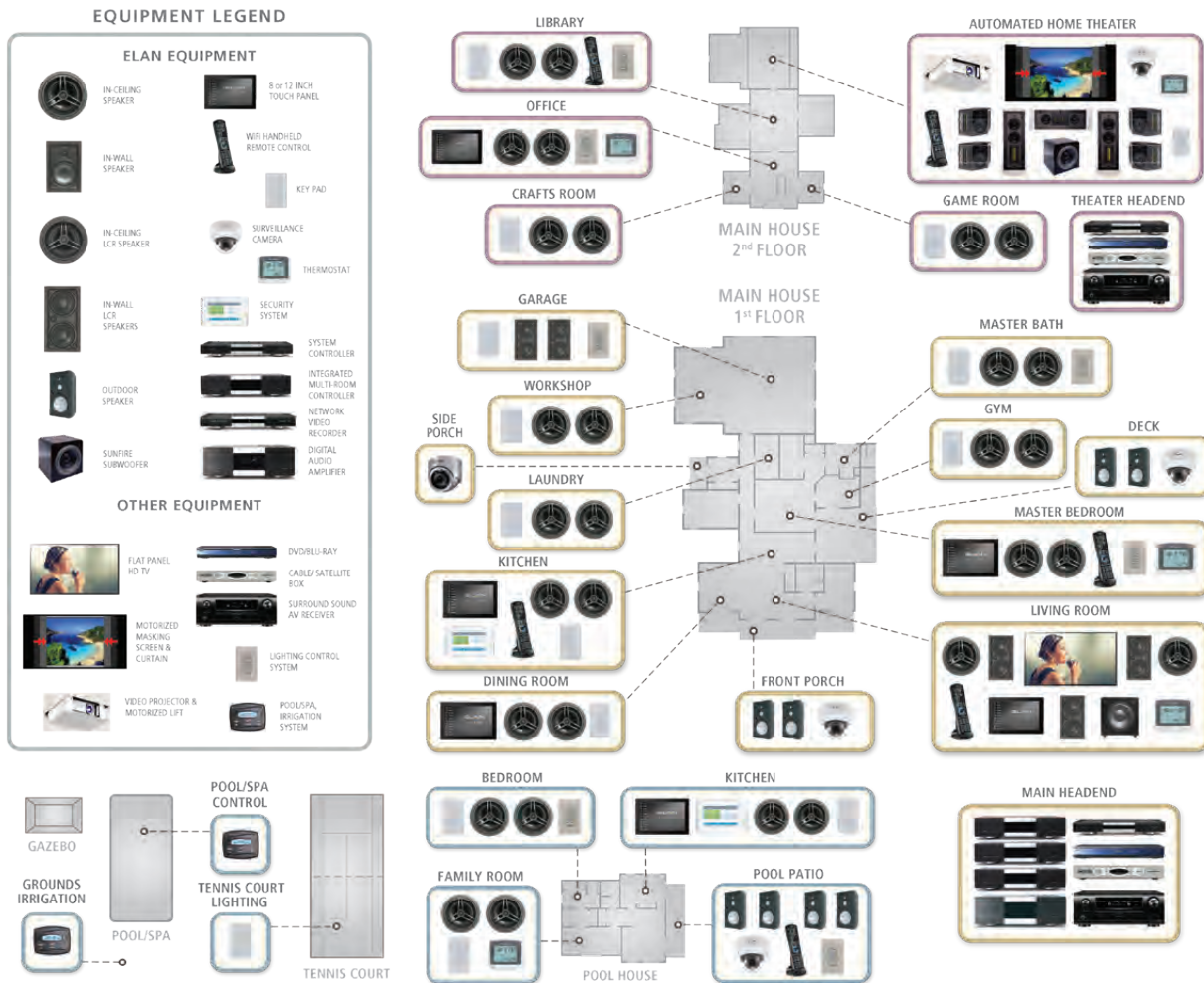
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Large Scale Home System

ELAN Entertainment and control systems are featured in the finest estates in around the world. An ELAN system can manage multiple buildings on an estate, making it easier for you and your guest to relax. Manage climate in a guest cottage, cameras in the horse barn, control irrigation and outdoor lighting, even entertainment with HD video distributed throughout the estate from a centralized location.

With ELAN, your service providers can have a custom log-in so your grounds keepers can log into only the irrigation, or your pool maintenance provider can view the pool controls to help manage the chemicals. ELAN extends to managing the landscape lighting, outdoor music and lights on the tennis courts and will even show you the camera at the front gate.

Many of our clients own multiple homes and appreciate the interaction the ELAN system provides. They can view cameras from one home on a screen in another and have events in their vacation home trigger actions in their primary homes.



ELAN Large Scale Home System

- Scalable solutions for large estates with multiple buildings
- Unique large home interface organization to simplify control
- Group system control by floor or wing
- Provide custom log-in so service staff can access only things they manage such as irrigation or pool
- Distributed Audio and Video in multiple rooms

* The system solution profiled here is a representative estimate that includes the specified ELAN equipment and its installation cost. The actual final cost of a system can vary based on the unique requirements of the homeowner, the installation readiness of the home, and the additional third-party manufacturer components selected for the system.

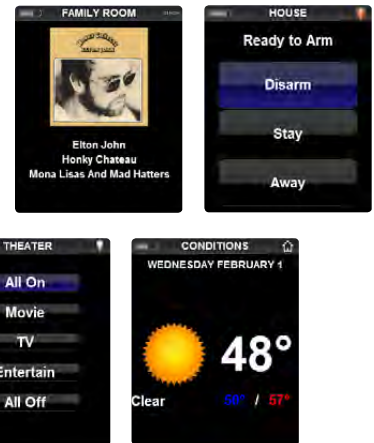


User Interfaces

The ELAN User Experience

The single most important component of any system you install is the user interface. As far as your client is concerned, it *is* the system. The ELAN user experience is world renowned for its simplicity and approachability. ELAN offers broad options for you to bring the ELAN user experience home. The gKP7, HR30, gTP7 and gXP12 are ELAN native UIs that allow you to offer a solution that you have complete control over. Our PC, Macintosh, iOS and Android interfaces feature the same user experience as the ELAN interfaces and provide your customer with the additional flexibility they demand.

Handheld Remote



WHOLE HOME SYSTEM CONTROL WITH INSTANT FEEDBACK AND CONTROL OF MUSIC, LIGHTING, SECURITY AND CLIMATE.

Remote. Redefined.

Designed to bring out the best in the award-winning ELAN user interface, the ELAN HR30 redefines the remote control experience. From the unmatched elegance of its generous touch screen to the convenience of dedicated buttons, the HR30 over-delivers in every aspect.

This sleek WiFi remote leads with a 2.8" touch screen mounted flush for a remarkably sophisticated feel while navigating the intuitive ELAN UI. Surf favorite channels, monitor security system, lock and unlock doors, dim lights, adjust the temperature and more, all with a simple touch. The screen enables a swipe left or right to quickly access multiple zones. Below it are three newly designed hard buttons, each of which can be personalized for one-button access to key systems. The 46 hard buttons make using the HR30 as incredibly robust as it is easy and intuitive. The HR30 features an updated 802.11 b/g.n radio and a built-in accelerometer to instantly wake the moment it's needed.

A Lithium Polymer battery powers the HR30 for more than 6 hours with the display on and over 14 days on standby. A sleek and stylish charging base is included, cradling the HR30 in a handy upright position. Zone assignment gives the HR30 a default zone when placed on the charging stand. The built-in IR blaster gives the option to control devices in areas where an emitter cannot be placed.

The easy-to-use ELAN Configuration Software allows the HR30 to quickly be added to any ELAN project. Interface templates for popular sources within the Configuration Software allow the HR30 to be personalized so all ELAN customers get the most intuitive experience for their system. Control just got simpler with the HR30.

EL-HR30 Handheld Remote



ORDER NO. EL-HR30

FEATURES

- 2.8" Color Touch Screen supports swipe to easily access additional screens
- 3 Personalized Buttons for instant access to Audio, Video, and Lighting devices and Event Maps
- Fast, responsive high-resolution screen
- Soft key control on either side of display
- Affordable, easy to use and simple to configure
- Controls all AV sources with metadata feedback for supported devices
- Controls lighting and climate with metadata feedback
- 46 backlit, hard buttons for common functions found on today's sources
- Six assignable buttons
- Noiseless accelerometer for activating LCD and backlight
- Slim profile for ease of use and comfort
- Uses Wi-Fi for communication
- Quick and easy programming using the ELAN Configuration Software
- Compatible with all current ELAN System Controllers
- International voltage compatible

INCLUDED IN THE BOX:

- (1) HR30 Remote
- (1) Charging Cradle
- (1) USB to Mini-USB Cable
- (1) 5V @ 2.00A USB Power Supply
- (1) Quick Reference Guide, Quick Reference Card

SCREEN SPECIFICATIONS	
Screen size	2.8" diagonal (61 mm)
Viewing angle	130° (up/down/left/right)

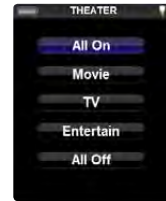
LCD DISPLAY	
Type	18 bit, 2.8" Color LCD Touch Screen
Colors	262K

SPECIFICATIONS	
Download Port	Micro-USB
Power Requirements	5 V --- 2.00 A
Dimensions – Remote	(in.) 2.50 W x 9.59 H x 1.26 D (mm) 63.4 W x 243 H x 32 D
Dimensions – Charging Cradle	(in.) 4 Diameter x 4.88 H (mm) 101.60 W x 124.00 H
Product Weight	8.3 oz. (235.3 g)
Charging Cradle Weight	8.1 oz. (229.6 g)
Shipping Weight	2.3 lbs. / 1.04 kg



EL-HR30

Handheld Remote



SINGLE ZONE SOLUTION WITH INSTANT FEEDBACK AND CONTROL OF MUSIC, LIGHTING AND CLIMATE.

The Single Zone Sensation.

The ELAN HR10 Wi-Fi Remote Control builds upon the successes of its predecessors—the HR2 and HR200—and it continues to raise expectations of what a remote control can do. The HR10 is designed to place the elegant ELAN experience in areas that were previously not a practical option—such as kids rooms and guest rooms—as well as to create the ultimate single room control solution. The ELAN HR10 delivers the intuitive easy-to-use ELAN interface at a price that will keep dealers and their clients happy.

The newly designed HR10's intuitive 2.4" color display—with soft keys on either side—makes it effortless to surf favorite channels, check the status of the lights and adjust the temperature. The 46 hard buttons—six are assignable—allow easy and intuitive audio/video system control, with personalized one-button control options for audio, video, or lighting systems. Soft keys on either side of the HR10 features a built-in

accelerometer that ensures the remote is connected and ready to use when needed. Its Lithium Polymer battery powers the HR10 for more than 6 hours with the display on and over 14 days on standby. The sleek and stylish charging base is included, cradling the HR10 in a convenient upright position.

The ELAN Configuration Software allows the HR10 to quickly be added to any ELAN project. Interface templates for popular sources combined with ELAN's easy to use Configuration software allow the HR10 to be personalized so all ELAN customers get the most intuitive experience for their needs. The easy-to-use HR10 features an updated 802.11 b/g/n Wi-Fi radio allowing it to be easily placed in all your projects. When the system design calls for an intuitive and easy remote control in a secondary area, the HR10 puts that control where it belongs—in the clients' hands.

EL-HR10 Handheld Remote



ORDER NO. EL-HR10

FEATURES

- Fast, responsive high-resolution screen
- 3 Personalized Buttons for instant access to Audio, Video, and Lighting devices and Event Maps
- Soft key control on either side of display
- Affordable, easy to use and simple to configure
- Controls all AV sources with metadata feedback for supported devices
- Controls lighting and climate with metadata feedback
- 46 backlit hard buttons for common functions found on today's sources
- Six assignable buttons
- Noiseless accelerometer for activating LCD and backlight
- Slim profile for ease of use and comfort
- Uses Wi-Fi for communication
- Quick and easy programming using the ELAN Configuration Software
- Compatible with all current ELAN System Controllers
- International voltage compatible

INCLUDED IN THE BOX:

- (1) HR10 Remote
- (1) Charging Cradle
- (1) USB to Micro-USB Cable
- (1) 5V @ 2.00A USB Power Supply
- (1) Quick Reference Guide, Quick Reference Card

SCREEN SPECIFICATIONS

Screen size	2.4" diagonal (61mm)
Viewing angle	130° (up/down/left/right)

LCD DISPLAY

Type	18 bit, 2.4" Active Matrix LCD
Colors	262K

SPECIFICATIONS

Download Port	Micro-USB
Power Requirements	5 V \equiv 2.00 A
Dimensions – Remote	(in.) 2.50 W x 9.59 H x 1.26 D (mm) 63.4 W x 243 H x 32 D
Dimensions – Charging Cradle	(in.) 4 Diameter x 4.88 H (mm) 101.60 W x 124.00 H
Product Weight	8.3 oz. (235.3 g)
Charging Cradle Weight	8.1 oz. (229.6 g)
Shipping Weight	2.3 lbs. / 1.04 kg



EL-HR10

12" Wall Mounted Touch Panel



Also available
in black.

The gXP12v2 is international voltage compatible.

Think Big.

Simple, efficient, flexible. Three words that perfectly describe the ELAN gXP12 12" touch panel for the ELAN integration system. Designed to provide various solutions for placement, including table top, while being continuing the offer the ELAN attractive touch panel design and simple to use interface. The gXP12 is flexible enough to use almost anywhere in your projects.

Using a function specific interface like the gXP12 provides the end-user with a much richer experience. The gXP12 wakes as the hand approaches and offers a seven button fly-out keypad that may operate media favorites, trigger lighting scenes, installer programmed Event Maps or control virtually anything connected to the system.

The fly-out keypad gives way to the award-winning ELAN user interface where they may operate all of the systems in their home.

The gXP12 is designer friendly as well. The gXP12 takes advantage of table top, on-wall, or in-wall placement options giving users flexibility to have a larger touch panel placed virtually anywhere. This includes vertical and horizontal arrangements.

As with all the products, the gXP12 was designed to be easy and flexible. It starts with mounting, using a standard 2 gang (US) box, which means no custom bracket to order or stock. The back box centers with the touch panel making it much easier to place during pre-wire. An included mounting ring provides support for the gXP12 over smooth and uneven wall surfaces.

The gXP12 simply snaps into the bracket - no special tools needed. Then it moves to table top applications using the VL12 Table Top Stand. The VL12 is a great solution that allows the gXP12 to be placed in areas where an on-wall, or in-wall, touch panel is not an option. Simply attach the

included mounting ring to the VL12 and insert the gXP12. The gXP12 may be powered locally using a 24VDC power supply. The ELAN gXP12 uses a single wire to communicate to the ELAN system control and may be powered over Ethernet (PoE).

gXP12's are available with black or white trim and are compatible with all gSC series controllers and include special capabilities like an IP camera, a speaker, and echo cancelling microphones for use with upcoming ELAN features. Try one, or better yet, let your customers try one, and we are sure that they will find the gXP12 to be a superior experience.



ORDER NO. GXP12V2

FEATURES

- 12" diagonal viewable area LCD touchscreen interface
- Contemporary, sleek industrial design
- Edge to edge glass
- Capacitive sense touchscreen
- Proximity sensor to wake from sleep without touching as hand approaches
- 7 button flyout provides instant access to lighting scenes, favorites or Event Maps
- Mounts into drywall, brick, stone, plaster, and wood, using a standard 2g U.S. junction box
- Portrait or landscape mounting
- Supports TCP/IP communication
- Plug and play operation with ELAN Software
- Locally powered (optional)
- Displays MJPEG and H.264 video codecs from IP CCTV cameras
- Near field focus wide angle color camera with MJPEG IP-CCTV output
- Available in white and black bezel

SPECIFICATIONS	
Dimensions	12.36" W x 7.91" H x 1.5" D (314mm W x 201mm H x 38mm D)
Screen size	11.6-inch diagonal, 16:9 Widescreen
Resolution	1920 x 1080
Microphone	Digital MEMS microphone
Speaker	2W integrated
Camera	640X x 480H
Network	10/100/1000 Ethernet

SPECIFICATIONS	
Type	LAN/PoE: RJ-45
Power Requirements	PoE (Power over Ethernet) IEEE 802.3at, 13w maximum draw (@48 V === 270mA max)
USB	USB Type A
Audio Out	1/8" stereo mini (Future Use)

POWER REQUIREMENTS	
Direct	24VDC 1A ===, 1 A. Phoenix 2 pin screw terminal connector
PoE	802.3af, (power over Ethernet) 13w maximum draw (=== 48V @ 270 mA max)
Included in box	(1) gXP12 Touch Panel (1) Mounting bracket (4) Mounting screws



(Black or White Flush Mount Kit sold separately)



(VL12 Table Top Stand sold separately)

7" Wall Mounted Touch Panel



The gTP7 is international voltage compatible.

Welcome to Convenience.

Simple, fun, efficient. Three words that perfectly describe the ELAN gTP7 7" touch panel for the ELAN integration system. Designed to reverse the trend towards using wall mounted iPads by providing an attractive, dedicated use interface the gTP7 is attractive and flexible enough to use in any project.

Using a function specific interface like the gTP7 provides the end-user with a much richer experience. The gTP7 wakes as the hand approaches and offers a seven button fly-out keypad that may operate media favorites, trigger lighting scenes, installer programmed Event Maps or control virtually anything connected to the system.

The fly-out keypad gives way to the award-winning ELAN user interface where they may operate all of the systems in their home.

The gTP7 is designer friendly as well. By taking advantage of the unique ELAN compatibility with both portrait and landscape user interfaces, the gTP7 is the first wall mounted touch panel to be equally at home in both a horizontal and a vertical arrangement. This provides installation flexibility that allows a 7" touch panel to be located in most areas that would accommodate a 2-gang wall plate.

As with all the ELAN "g" series products, the gTP7 was designed to be easy and flexible. It starts with mounting, using a standard 2 gang (US) box, which means no custom bracket to order or stock. The back box centers with the touch panel making it much easier to place during pre-wire. An included mounting ring provides support for the gTP7 over smooth and uneven wall surfaces. The gTP7 simply snaps into the bracket – no special tools needed. The TP7

may be powered locally using a 12V DC power supply (not included) and connected to the ELAN controller over Wi-Fi, or you may power over Ethernet and utilize a single wire hookup.

gTP7's are available with black or white trim and are compatible with all gSC series controllers and include special capabilities like an IP camera, a speaker, and echo cancelling microphones for use with upcoming ELAN features. Try one, or better yet, let your customers try one, and we are sure that they will find the gTP7 to be a superior experience.

gTP7 7" Wall Mounted Touch Panel



ORDER NO. GTP7

FEATURES

- 7" diagonal viewable area LCD touchscreen interface
- Contemporary, sleek industrial design
- Edge to edge glass
- Capacitive sense touchscreen
- Proximity sensor to wake from sleep without touching as hand approaches
- 7 button flyout provides instant access to lighting scenes, favorites or Event Maps
- Mounts into drywall, brick, stone, plaster, and wood, using a standard 2g U.S. junction box
- Portrait or landscape mounting
- Supports TCP/IP communication
- Wi-Fi support
- Plug and play operation with ELAN Software
- Locally powered (optional)
- Displays MJPEG and H.264 video codecs from IP CCTV cameras
- Near field focus, wide angle, color camera with MJPEG IP-CCTV output
- Available in white or black bezel

SPECIFICATIONS

Dimensions	Overall 8" wide x 5" height, mounting depth 1.75"
Screen size	7-inch diagonal, 16:9 widescreen
Resolution	800W x 480H
Microphone	Dual Digital Beam Forming for Field Pickup
Speaker	2W integrated
Camera	640X x 480H
Network	10/100 Ethernet / 802.11 B/G/N WiFi

SPECIFICATIONS

Type	LAN/PoE: RJ-45
Power Requirements	PoE (Power over Ethernet) IEEE 802.3at, 13w maximum draw (@48V === 270mA max)
USB	USB Type A
Audio Out	1/8" stereo mini (Future Use)

POWER REQUIREMENTS

Direct	12 V ===, 1 A. Phoenix 2 pin screw terminal connector
PoE	IEEE 802.3at, (power over Ethernet) 13w maximum draw (@48V === 270 mA max)
Included in box	(1) gTP7 Touch Panel (1) Mounting bracket (4) Mounting screws



7 Button Single Gang Keypad



gKP7



The ELAN gKP7 is international voltage compatible.

The Next Step in Home Control.

It's not too big, and definitely unassuming, but the ELAN gKP7 puts simple to use power where you need it. The gKP7 provides the end user with valuable back-lit control that always works, never runs out of batteries, and does what it says at a price that fits any budget.

The gKP7 was designed to aesthetically match the ELAN Lighting 7 button keypads and offers five completely programmable buttons and two raise/lower buttons with flexible functionality as well. Depending on your needs, the five function buttons may be mix and match programmed using ELAN Configurator to be used as a media favorite preset, to execute a lighting scene, act as zone/system off, or to execute an Event Mapper automated event. The bottom two raise/lower buttons may be configured to either operate zone volume or lower and raise a lighting scene or shade group. Using the ELAN Configurator interface personalization is simple and efficient.

As a media interface the gKP7 dedicates to one zone and allows the end user to conveniently store and recall; stations from any ELAN supported two-way tuner, playlists from an ELAN g1 MP3 player, channels and playlists from premium streaming content devices (Autonomic, LMS and Sonos), as well as access and initiate playback from legacy sources like CD players. All the end user must do is use a touch panel interface to access the desired media and then press and hold the Favorite button to store. Recalling is as simple as pressing the Favorite button.

For lighting you may assign a KP7 button to toggle any system lighting scene or dimmer. Pressing the button executes the lighting scene and lights the button's back-lighting. A second press turns the scene off as well as the button LED.

The Event Mapper puts the power of automation at your fingertip as gKP7 buttons may be

programed to do virtually anything through programming by an ELAN certified technician. Want to turn off the lights, shut the blinds, and set back the thermostat? No problem. The Event Mapper even allows you to control the LED state for accurate feedback.

The lower two buttons may be programmed to either lower and raise the volume in the audio zone, the lighting of the last selected scene, or to perform custom Event Map actions.

The gKP7 ships with white buttons and bezel and includes 10 extra buttons for your convenience. Light almond (gKP7BK-LA) and black (gKP7BK-B) color change kits are available and include the bezel and all sixteen buttons included with the white gKP7.

gKP7 7 Button Single Gang Keypad



ORDER NO. GKP7

FEATURES

- 7-button backlit keypad
- Programmable through ELAN Configurator for five different button actions
- Custom engraveable buttons
- Gangable with any 1g device
- Comes in white with optional black or light almond bezel kit

Note: Decorator trim plate not included.

INCLUDED IN THE BOX:

- (1) gKP7 single gang keypad with white **Favorite 1-4, Off** and **V/A** buttons installed
- (2) Mounting screws
- (1) Quick Install Guide
- (1) Alternate button pack

SPECIFICATIONS	
Dimensions	4.12" x 1.75" x 1.24"
Mounting Depth	1.75"
Button type	<ul style="list-style-type: none"> • Contact type buttons • 5 individually capped • 2 shared for rocker capping • 5 individually controlled white LEDs for backlighting • 2 shared control white LEDs for backlighting
Connections	LAN/ PoE RJ-45 10/100/1000 Ethernet
Power Requirements	PoE (Power over Ethernet) IEEE 802.3at, 13w maximum draw (@48 V == 270 mA max.)



Comes in white with optional black or light almond bezel kit.

BUTTONS INCLUDED WITH KEYPAD

Favorite 1	Home Mode	😊
Favorite 2	Stay Mode	☁
Favorite 3	Away Mode	🌅
Favorite 4	Shade ⬆	⬆ ⬇
Off	Shade ⬇	
⬆ Vol ⬇	Mute	

Includes 16 pre-engraved buttons.
Custom engraving available.



gKP7BK-B Black Button Kit



Controllers

Brains and Beauty

Flexible. Powerful. Efficient. Reliable. All words descriptive of ELAN's controllers and sources. The flexibility to meet the needs of both large and small projects without compromise. The power to control huge projects with impressive signal distribution and valuable sources. Asset-efficient programming and maintenance increases profit and rock solid reliable operation makes clients happy.



System Controller



The gSC10 is international voltage compatible.

The Top of The Evolutionary Ladder.

When it comes to system integration controllers you are unlikely to need more than the gSC10 can accommodate. Featuring a faster CPU, more memory, extensive I/O and flexible connectivity, the gSC10 is designed to integrate medium- to extra-large projects.

Working on a Linux foundation and designed specifically to optimize the latest version of ELAN now and in the future, the gSC10 is built for ultimate performance and reliability. The gSC10 uses the latest processing technology and more efficient code to improve response time for both the technician and the end-user. While the g! series controllers have been celebrated for their ultra-dependable nature, the gSC10 goes even further by eliminating all moving parts and using internal redundancies to virtually eliminate the risk of catastrophic failure.

ELAN system controllers feature best-in-class third party integration and extensive ELAN customer support. With unparalleled support of top manufacturers like Lutron, Vantage, Aprilaire, Autonomic Controls, Schlage, Yale, Honeywell, KNX, Yamaha, Integra, Marantz, Hunter, and many more, as well as a solid offering of climate, audio/video, power, surveillance and entertainment equipment from ELAN, you will never have a lack for quality integration choices with drivers that make programming a snap.

The gSC10 includes connections for (8) serial RS-232 devices, (2) serial RS-485 devices, (4) ELAN sensors, (10) IR emitters (capable of driving dual emitters), (10) dry contact relays and (1) USB-A, and connects through the PoE (Power over Ethernet) port to Ethernet-controlled systems. Should the need arise, the gSC10 also includes

Wi-Fi with an external antenna for areas where you don't have Ethernet connectivity but need control.

ELAN's award winning interface is compatible with the widest variety of user interfaces including ELAN's touch panels, keypads and hand held remotes as well as PCs, Macs and smart devices running iOS and Android operating systems. The gSC10 is designed to fully exploit the capabilities of the ELAN g1 when used as an extender to supply OSD, expand the ELAN user experience, and to provide additional I/O.

No matter how or where you want to check on your home, ELAN and the gSC10 have you covered.



gSC10 System Controller

ORDER NO. gSC10



FEATURES

- Integrated IP, serial, and infrared control in a one-box design—Control all of your devices, no matter what the format.
- Easy plug-n-play with any ELAN interface – Attach any ELAN interface or ELAN viewer-compatible tablet, smart phone, PC or Mac and it will automatically populate with the same look and feel, no matter which platform. 2-way IP control allows for quick, up-to-date, feature-rich interfaces.
- On-board relays—Easily integrate shades, garage doors, gates, and other contact closure controlled devices.
- On-board IR generation—With the one of the world’s largest IR database, there’s no need for IR pass through. Generate IR signals right from the controller.
- On-board sensor inputs—Go beyond control by automating events triggered by voltage, light, or signal sensing with ELAN sense products.
- Solid State Memory for Operating System (OS) storage—Ultra-efficient fanless CPU with no moving parts means increased reliability and fewer points for failure.
- Compact design—The gSC10 packs amazing punch into a single rack space and includes rack mount hardware.
- Supports Master and Extender mode— Utilize an additional controller to extend ports and functionality. The gSC controllers also support the g1 controller as a UI, OSD and port Extender.
- Onboard Wi-Fi – Connect wirelessly and reliably with detachable external antenna.
- ViaNet compatible – Use your M86A, S1616A, TS2, TS2L, and C2 ViaNet products with the SC1 external interface (sold separately).

CONNECTIONS

RS-232	(8) RJ-45 Port
RS-485	(2) RJ-45 Port
ELAN Sense	(4) 3.5mm Connectors (Stereo)
IR Outputs	(10) 3.5mm Connectors (Mono) - 12V DC
Relays	(10) 2-position screw terminals - 24V AC or DC, 1 Amp Maximum
USB	(1) USB 2.0 - 5V, 1 Amp
Ethernet	(1) RJ-45 Ethernet Port (PoE)
Wi-Fi	802.11 b/g/n
Power	Coaxial Type A – 2.5mm inside diam.

SYSTEM

Software compatibility	g!7.0 and up
Updates	Network / USB

POWER

PoE Compatible	IEEE 802.3 at Type 2 48V DC 600mA
Power Consumption	
- W/ Power supply	12V , 10W
- W/ PoE	48V 10W

GENERAL

Temperature	32° F to 131° F
Operating Humidity	90% Maximum (Non-Condensing)
Mounting	Free standing, Rack mounted 1U
Product Dimensions	(inches) 17 W x 2-1/4 H x 14 D (mm) 432 W x 57H x 356 D
Product Weight	8lbs, 11oz / 3.95kg
Packaged Shipping Dimensions	(in) 20-3/8 W x 3-3/8 H x 20-3/8 D (mm) 518 W x 86 H x 470 D
Packaged Shipping Weight	12 lbs, 8oz / 5.7kg
Certifications	cTUVus, CE, FCC, C-Tick
Included in box	(1) 12V DC Power Supply with international spades (1pr) Rack Mount Brackets (7) P/N 8900597 DB9 Male to RJ45 adaptor (2) P/N 8900599 DB9 Female Null Modem to RJ45 adapter (1) P/N 8900598 DB9 female to RJ45 adapter (2) Relay wiring connector (1) Wi-Fi antenna

gSC2



System Controller



The gSC2 is international voltage compatible.

The Next Step in Home Control.

System integration is evolving, and ELAN is evolving with it. The new gSC2 is progeny of this evolution. Featuring a faster CPU, more memory, updated I/O and updated connectivity, the gSC2 is positioned to be the go-to controller for small-to-medium sized integration projects.

ELAN Controllers have been migrated to a whole new Linux platform and the gSC2 was designed specifically to optimize it. Programming is faster and the end-user experiences faster connections, quicker response to their inputs, and instant reaction to their requests. All g! hardware has a well-earned reputation for outstanding reliability. The gSC2 builds on that reputation with hardware that is free of moving parts, which increases reliability.

No hard drives, no fans, literally nothing to wear out, and the operating system is protected with internal redundancies that when added together significantly reduce the risk of catastrophic failure.

ELAN system controllers feature best-in-class third party integration and extensive ELAN customer support. With unparalleled support of top manufacturers like Lutron, Vantage, Aprilaire, Autonomic Controls, Schlage, Yale, Honeywell, KNX, Yamaha, Integra, Marantz, Hunter, and many more, as well as a solid offering of climate, audio/video, power, surveillance and entertainment equipment from ELAN, you will never have a lack for quality integration choices.

The gSC2 includes connections for (2) serial RS-232 devices, (2) ELAN sensors, (4) IR emitters (capable of driving dual emitters), (2) dry contact relays and (1) USB-A. More equipment can be controlled via Ethernet and the gSC2 is compatible with all ELAN Ethernet drivers. It is power efficient and may be single wire powered using Power over Ethernet (PoE)



The gSC2 embraces the TCP/IP revolution with fewer serial ports than our previous controllers. If you need more serial connectivity the gSC10 is your controller.

and includes Wi-Fi with an external antenna for areas where you don't have Ethernet connectivity but need control.

g!'s award winning interface is compatible with the widest variety of user interfaces including ELAN's touch panels, keypads and hand held remotes as well as PCs, Macs and smart devices running iOS and Android operating systems. No matter how or where you want to check on your home, ELAN and the gSC2 have you covered.





FEATURES

- Integrated IP, serial, and infrared control in a one-box design—control all of your devices, no matter what the format.
- Easy plug-n-play with any ELAN interface – Attach any ELAN interface or viewer-compatible tablet, smart phone, PC or Mac and it will automatically populate with the same look and feel, no matter which platform. 2-way IP control allows for quick, up-to-date, feature-rich interfaces.
- On-board relays – Easily integrate shades, garage doors, gates, and other contact closure controlled devices.
- On-board IR generation – With the one of the world’s largest IR database, there’s no need for IR pass through. Generate IR signals right from the controller.
- On-board sensor inputs – Go beyond control by automating events triggered by voltage, light, or signal sensing with ELAN sense products.
- Solid State Memory for Operating System (OS) storage – Ultra efficient fanless CPU with no moving parts means increased reliability and fewer points for failure.
- Compact design – The gSC2 is a physically small device that may be easily located on a shelf, wall mounted in a cabinet, or located in the structured wiring enclosure.
- Supports Master and Extender mode – Utilize an additional controller to extend ports and functionality. The gSC controllers also support the g1 controller as a UI, OSD and port Extender.
- Onboard Wi-Fi—Connect wirelessly and reliably with detachable external antenna.
- ViaNet compatible—Use your M86A, S1616A, TS2, TS2L, and C2 ViaNet products with the SC1 external interface. (sold separately).

CONNECTIONS

RS-232	(2) RJ-45 Port
ELAN Sense	(2) 3.5mm Connectors (Stereo)
IR Outputs	(4) 3.5mm Connectors (Mono), - 12V DC
Relays	(2) 2-position screw terminals - 24V AC or DC, 1 Amp Maximum
USB	(1) USB 2.0 - 5V, 1 Amp
Ethernet	(1) RJ-45 Ethernet Port (PoE)
Wi-Fi	802.11 b/g/n
Power	Coaxial Type A, 2.5mm inside diameter

SYSTEM

Software compatibility	g!7.0 and up
Updates	Network / USB

POWER

PoE Compatible	IEEE 802.3 at Type 2 48V DC 600mA
Power Consumption	
- W/ Power supply	12V \approx , 7W
- W/ PoE	48V 7W

GENERAL

Temperature	32 °F to 131 Degrees° F
Operating Humidity	90% Maximum (Non-Condensing)
Mounting	Free standing, wall mount brackets included
Product Dimensions	(in.) 8-1/2 W x 1-1/2 H x 5 D (mm) 216 W x 38 H x 127 D
Product Weight	1lbs 14.9oz / 0.88Kg
Packaged Shipping Dimensions	(in.) 10-1/8 W x 3-1/8 H x 9 D (mm) 258 W x 80 H x 229 D
Packaged Shipping Weight	3lbs 7oz / 1.56Kg
Certifications	cTUVus, CE, FCC, C-Tick
Included in box	(1) 12V DC Power Supply with international blades (2) Wall mount brackets with mounting hardware (2) P/N 8900597 DB9 Male to RJ45 adaptors (1) P/N 8900599 DB9 Female Null Modem to RJ45 adapter (1) Relay Wiring Connector (1) Removable Wi-Fi antenna (1) Quick Install Guide

g1



System Controller



The g1 embraces the TCP/IP revolution with fewer serial ports than our previous controllers.

If you need more serial connectivity the gSC10 is your controller.



The g1 is international voltage compatible.

Automation Begins Here.

The ELAN g1, where all things automation begin. The g1 is a capable performer providing the flexibility needed in virtually any project.

The perfect home theater controller

Not surprisingly, the g1 breaks new ground by providing a rich on-screen display (OSD) interface, an elegant hand held remote, and the various parts to be needed to make it work with third party products. Where a universal remote would only provide access to media and maybe lighting, the g1 allows intelligently crafted integration of the systems that provide real value. The g1 lowers cost of installation by being simple to program and including everything you need in the box. For small to moderate installation the g1 provides a single point of

control for media, climate, lighting, security, cameras, and irrigation systems. Bringing together best of class third party systems like Lutron and Aprilaire, as well as unlimited connections to ELAN products, the g1 provides the best home control experience available today.

The g1 provides the complete g! user experience and accommodates all standard g! interfaces including ELAN's award winning HR2 hand held remote, wall mount touch panels and keypads as well as iOS, Android, PC and Mac interfaces.

When the g1 is used as an extender to a gSC series system controller it creates a very cost effective way to add additional control

connections and the g! user experience to another area. For ultimate flexibility, the g1 includes Wi-Fi for use where you don't have a convenient wire path, or can be added to a Power over Ethernet (PoE) network to receive both power and data connections, reducing wiring clutter.

Using the same programming interface as the gSC series system controllers, the g1 continues ELAN's 25+ year tradition in innovative products that integrators prefer to install by providing the leverage needed to install systems from moderate to luxurious without creating the need for specialized programming knowledge.



ORDER NO. g1

FEATURES

- Complete single-package solution—includes everything you need to control an average media room system.
- Compatible with all ELAN user interfaces including the award winning HR2 remote, ELAN touch panels and keypads as well as iOS and Android mobile devices and PC and Mac computers.
- Complete control—One of the largest on-board IR library's in the industry features one-click IR source generation for touch panel interface and IR code assign—saves hours of programming.
- Sense input—automation based on voltage, light, contact closure, or audio signals.
- Ultra-efficient fan-less design—no moving parts for high reliability operation.
- Flexibility—Compact design that allows installation in cabinets, structured wiring cabinets or behind a display.
- Powerful—In standalone controller mode, the g1 can easily automate a small to moderate sized installation. Please see g!Tools Help files for maximum capabilities.
- A great partner—Extender mode for use with gSC series controllers on larger installations.
- PoE or Wi-Fi connection—maximum placement flexibility.
- Provides additional Intercom Features

INCLUDED IN THE BOX:

- (1) g1 System Controller
- (1) IR Remote, with batteries
- (3) IR Emitter
- (1) HDMI Retention Bracket
- (1) IR Sensor
- (1) Power Transformer with International blades
- (1) Serial 3.5mm to DB9 Adapter

CONNECTIONS	
Serial RS-232	(1) 3.5mm Connector (Stereo)
ELAN Sense	(1) 3.5mm Connector (Stereo)
IR Input	(1) 3.5mm Connector (Stereo) 12V DC
IR Output	(3) 3.5mm Connector (Mono) 12V DC
Audio	(1) 3.5mm Connector (Stereo)
On-Screen Display	(1) HDMI Female Connector
USB	(1) USB-A Connector
Ethernet	1) RJ-45 PoE Compatible
Power	(1) Coaxial Type-A – 2.5mm inside dimensions

SYSTEM	
Software compatibility	Requires g!7.0 or above
Updates	Managed by g! software
Wi-Fi	Integrated Wi-Fi radio

POWER	
Included Power Supply	120/240VAC input 12VDC 1A output
PoE	48V 5W
Power Consumption	
- W/ Power supply	12V DC – 5W
- W/ PoE	48V 5W

GENERAL	
Temperature	32 °F to 131 Degrees° F
Operating Humidity	90% Maximum (Non-Condensing)
Mounting	Free standing/ Wall mount
Dimensions	(in.) 7-1/8 W x 1-3/16 H x 5-1/8 D (mm) 180.98 W x 30.16 H x 130.18 D
Weight	1 lb. / 0.45 kg
Packaged Dimensions	(in.) 10 W x 3 H x 11-1/4 D (mm) 254 W x 76.2 H x 285.75 D
Packaged Weight	2.8 lb. / 1.27 kg
Certifications	cTUVus, CE, FCC, C-Tick



Comparative Table



CONNECTIONS	g1	gSC2	gSC10
Serial RS-485	n/a	n/a	2 RJ-45 Port
Serial RS-232	(1) 3.5mm Connector (Stereo)	(2) RJ-45 Port	(8) RJ-45 Port
ELAN Sense	(1) 3.5mm Connector (Stereo)	(2) 3.5mm Connectors (Stereo)	(4) 3.5mm Connectors (Stereo)
IR Input	(1) 3.5mm Connector (Stereo) 12V DC	n/a	n/a
IR Output	(3) 3.5mm Connector (Mono) 12V DC	(4) 3.5mm Connectors (Mono) 12V DC	(10) 3.5mm Connectors (Mono) 12V DC
Audio	(1) 3.5mm Connector (Stereo)	n/a	n/a
Relays	n/a	(2) 2-position screw terminals - 24V AC or DC, 1 Amp Maximum	(10) 2-position screw terminals - 24V AC or DC, 1 Amp Maximum
On-Screen Display	(1) HDMI Female Connector	n/a	n/a
USB	(1) USB-A Connector	(1) USB 2.0 - 5V, 1 Amp	(1) USB 2.0 - 5V, 1 Amp
Ethernet	1) RJ-45 PoE Compatible	(1) RJ-45 Ethernet Port (PoE)	(1) RJ-45 Ethernet Port (PoE)
Power	Coaxial Type-A – 2.5mm inside diameter	Coaxial Type A – 2.5mm inside diameter	Coaxial Type A – 2.5mm inside diameter
SYSTEM			
Software compatibility	g!7.0 and up		
Updates	Network / USB		
Wi-Fi	802.11 b/g/n		
POWER			
Included Power Supply	120/240VAC input 12VDC 1A output	120/240VAC input 12VDC 1A output	120/240VAC input 12VDC 1A output
PoE	IEEE 802.3 at Type 2 48V DC 5W	IEEE 802.3 at Type 2 48V DC 7W	IEEE 802.3 at Type 2 48V DC 10W
POWER CONSUMPTION			
- W/ Power supply	12V DC – 5W	12V DC – 7W	12V DC – 10W
- W/ PoE	48V 5W	48V 7W	48V 10W
GENERAL			
Temperature	32 °F to 131 Degrees° F	32 °F to 131 Degrees° F	32 °F to 131 Degrees° F
Operating Humidity	90% Maximum (Non-Condensing)		
Mounting	Free standing/Wall mount	Free standing, wall mount brackets included	Free standing, Rack mounted 1U
Dimensions	(in.) 7-1/8 W x 1-3/16 H x 5-1/8 D (mm) 180.98 W x 30.16 H x 130.18 D	(in.) 8-1/2 W x 1-1/2 H x 5 D (mm) 216 W x 38 H x 127 D	(in.) 17 W x 2-1/4 H x 14 D (mm) 432 W x 57 H x 356 D
Weight	1 lb. / 0.45 kg	1lbs 14.9oz / 0.88Kg	8 lbs 11 oz / 3.95kg
Packaged Dimensions	(in.) 10 W x 3 H x 11-1/4 D (mm) 254 W x 76.2 H x 285.75 D	(in.) 10-1/8 W x 3-1/8 H x 9 D (mm) 258 W x 80 H x 229 D	(in) 20-3/8 W x 3-3/8 H x 20-3/8 D (mm) 518 W x 86 H x 470 D
Packaged Weight	2.8 lb. / 1.27 kg	3lbs 7oz / 1.56Kg	12 lbs 8 oz / 5.7kg
Certifications	cTUVus, CE, FCC, C-Tick	cTUVus, CE, FCC, C-Tick	cTUVus, CE, FCC, C-Tick
Included in box	(1) IR Remote (3) IR Emitter (1) HDMI Retention Bracket (1) IR Sensor (1) 12VDC Power Supply with International Blades (1) Serial 3.5mm to DB9 Adapter (2) Battery	(1) 12VDC Power Supply with international blades (2) Wall mount brackets with mounting hardware (2) P/N 8900597 DB9 Male to RJ45 adapters (1) P/N 8900599 DB9 Female Null Modem to RJ45 adapter (1) Relay Wiring Connector (1) Removable Wi-Fi antenna	1) 12VDC Power Supply with international spades (2) Rack Mount Brackets (7) P/N 8900597 DB9 Male to RJ45 adapter (2) P/N 8900599 DB9 Female Null Modem to RJ45 adapter (1) P/N 8900598 DB9 female to RJ45 adaptor (2) Relay wiring connector (1) Removable Wi-Fi antenna

GVSL ELAN Viewer Software License

ORDER NO. GVSL

ELAN SOFTWARE for g1 and gSC Controllers

Adding one (1) ELAN Viewer Software License (part number GVSL) to any Controller unlocks the maximum number of third party interface devices enabling up to 32 simultaneous connections from iOS, Android, PC and Mac devices. The GVSL is easy to install and can be added to a system by the dealer over the internet or while on site.



ELAN App Structure

Application	g1		gSC2 & gSC10		Notes
	3rd Party*	ELAN*	3rd party & ELAN*		
Security	2 partitions, 16 Zones	-	8 Partitions, 256 zones		
Door Locks	2	-	16 (wireless)		Requires zWave integration device
Climate (thermostats)	3	32	32		
Lighting					
Devices	24	256	256		256 total loads, keypads and shades
gViewer Keypads	24	256	256		
Shades	6	n/a	256		256 total loads, keypads and shades
Media					
AVR	2*	-	8		*requires g! 8.0 or above
Multi-Zone	Not Supported	Maximum*	Maximum*		
Displays	32	32	32		
Sources	Maximum*	Maximum*	Maximum*		
GSZC	4	Maximum	Maximum		Generic Single Zone Controllers can be used for 3rd party Matrix
Irrigation					Requires purchase of Irrigation Brick (HWEB101)
Groups	16	16	16		
Zones	256	256	256		
Video					
IP Cameras	4*	Maximum*	16		* requires g! 8.0 or above
NVR	n/a	Maximum*	16		
Intercom	Y	Y	Y		
Pool/Spa	n/a	-	1 Pool control system		
gViewers: 3rd party interfaces	2	-	2		
gViewers: With 1 GVSL	32	-	32		
ELAN Interface devices	32	32	32		
Extenders	n/a	4	16		Up to 4 g1 extenders may be used on a g1 master

* Please always refer to the Integration notes for maximum devices.

Accessories

FOR ELAN CONTROLLERS

IRL2 IR LEARNER Use with ELAN Controllers

ORDER NO. IRL2

- Connects to USB port
- Compatible with Common Resources Library



SC1 SERIAL CONTROLLER VIA!Net to Serial Bridge for gSC Controllers

ORDER NO. SC1

- Convenient RJ-45 to RJ-45 connections
- LED activity indicator for easy troubleshooting



SENSORS

ELAN's complete line of status sensors (page 105) are compatible with the g! series of controllers and can be used for creating Event Maps and both complex and simple automation schemes.

ELAN VeraEdge

The Controller for Today's Expanding Smart Home Universe

ORDER NO. VERAEDGE-US

The MiOS Vera Edge provides a flexible and reliable Z-Wave gateway for ELAN system controllers. It connects to ELAN via an IP address, and may therefore be placed in virtually any location in your project that provides the best connection to the Z-Wave network. Vera Edge allows ELAN g! to connect to Z-Wave door locks, lighting devices and thermostats. Please consult individual product Integration Notes for details on functions and devices supported.

HARDWARE

- CPU: 600MHz MIPS SoC
- Flash Memory: NAND 128MB
- Memory: DDR2 128MB
- USB Port: 1
- WAN Port: 1
- Wireless: Z-Wave Plus™ and 802.11 b/g/n Wi-Fi

Dimensions

- 4.55in x 3.13in x 1.2in (HxWxD)

Certifications

- FCC, CE, RoHS, Z-Wave Plus

Power Supply

- Input: AC 100-240VAC, 50-60Hz
- Output: DC 12V/1A





Multi-Room Audio/Video

HDMI Solutions

Led by the UltraMatrix, ELAN multi-room audio/video components create solutions for installations of all sizes.

New: True 4K HDMI solutions with simple discovery for fast configuration and seamless integration with your ELAN systems.



Audio & Video Matrix Switch



UltraMatrix



Incomparable flexibility and configuration simplicity for your most demanding projects.

Suitable for high end custom and luxury homes as well as commercial installations where you cannot have too many connectivity options, the ELAN UltraMatrix series of audio and video switchers are your go-to product.

With more input and output options supporting zone configurations you may not have even thought of, the ELAN gMV1616 allows you to answer "Yes" to virtually any customer request. The gMV1616 provides the matrix switching options to route signals from any source to virtually any destination.

Video sources like satellite, cable and Blu-ray are often used as sources to the audio system. Whether it is to play the big game through the architectural speakers around the house, or to use those same speakers in place of the tiny TV speakers making the connection between video

source and audio zone to be time consuming and created a wiring quagmire. The gMV1616 features HDMI audio breakout and Audio Return Program, delivering a simple path for the soundtrack to reach the rest of the house.

HDBaseT technology is incorporated to facilitate high definition content distribution. HDBaseT is used to feed monitors up to 1080p images along with all of the high definition audio formats. HDBaseT also provides single wire connection to distribute Ethernet, serial and IR control signals to remote rooms enabling the control of monitors and sources and providing internet to smart TV's streaming sources and gaming devices.

The ELAN UltraMatrix series audio video switchers are the only switchers available that provide mirrored HDBaseT and HDMI output for every output, doubling your connection options. Audio

sources are accommodated regardless of their output format. The ELAN gMV1616 is compatible with analog, optical digital and coaxial digital speaker outputs. The gMV1616 automatically converts analog to digital and digital to analog allowing signals to pass seamlessly between amplifiers, surround sound receivers and monitors.

Through the ELAN gSC series controller the gMV1616 is efficiently programmed in a small fraction of the time required on competitive systems. ELAN g! maps the connections for you after you have set the zone and source parameters and each analog zone includes bass/treble/loudness adjustments for the end user and a five band digital EQ for the technician.

The ELAN gMV1616 provides you the flexibility, reliability, simplicity, performance and user experience that your most demanding projects require.

FEATURES

- HDMI 1.4a inputs with Audio Breakout
- HDBaseT/HDMI mirrored outputs
- Audio Return Program (ARP) over HDBaseT
- Input format conversion
- Input level matching
- Advanced EDID Management
- Lip Sync Adjustment (Both Source and Zone)
- Zone Tone Controls and EQ
- Zone Grouping & Sub-Zoning
- Zone Channel Mix (Stereo/Dual Left/Dual Right/Mono)
- Zone Volume Min/Max
- Zone Channel Balance
- International Voltage (120/240V 50/60Hz) Compatible
- Serial, IR, and Ethernet distribution to every HDBaseT zone
- Convenient g! Configurator based programming
- Rack Mount Hardware Included
- Works exclusively with ELAN g! gSC series controllers

INPUTS	OUTPUTS			
	HDBaseT	HDMI	Coaxial	Analog
HDMI	•	•	•	•†
ARP	•	•	•	•
Optical SPDIF	•	•	•	•†
Coaxial SPDIF	•	•	•	•†
Analog	•*	•*	•*	•

* requires mirrored analog and digital zone outputs
 † 2ch PCM only

gMV1616 Audio & Video Matrix Switch

ORDER NO. GMV1616
INTERNATIONAL ORDER NO. GMV1616



SPECIFICATIONS	
INPUTS & OUTPUTS	
Source Inputs	
HDMI	16 w/ audio breakout
HDBaseT ARP	16 incl. with HDBaseT
Analog Audio	32 pr RCA connector
Digital Audio	8 ea Optical SPDIF 16 ea RCA Coaxial SPDIF
Page/Doorbell	Use input 16
Zone Outputs	
HDBaseT	16 RJ45 Cat5e/Cat6/Cat7
HDMI (mirrored to HDBaseT)	16 19pin standard HDMI
Analog Audio	32 pr RCA connector
Digital	16 ea RCA Coaxial SPDIF
AUDIO	
Analog Inputs	
Input Sensitivity	0-2V RMS
Lip Sync	0-170ms in 1ms increment
Analog Outputs	
Volume Adjustment Range	-99.5dB to 0dB
Format Conversion	2ch PCM to analog
Lip Sync	0-170ms in 1ms increment
Tone/EQ Range	-20dB to +20dB in .5dB increment
Digital Inputs – Optical & Coaxial	
Format	PCM (7.1ch) SPDIF, Dolby® Digital & True HD, DTS-HD® & Master Audio
Format Conversion	2ch PCM to Analog stereo D/A
Lip Sync	0-170ms
Digital Outputs – Coaxial & HDMI	
Format	PCM (7.1ch) SPDIF from digital inputs
Format Conversion	2ch SPDIF from analog sources (requires mirror of analog zone output)
Lip Sync	0-170ms (requires mirror of analog zone output)
Tone/EQ	Bass/Treble/5 band (requires mirror of analog zone output)

VIDEO	
HDMI Inputs/Outputs	<ul style="list-style-type: none"> HDMI 1.4a compliant 3D capable 36 bit deep color HDCP 1.1 compliant 6.75 Gps data rate 1080p, 1920x1080@60Hz, HDTV compatible 340MHz up to 16 bit Y-U-V 444 supported @ 1080p/60)
HDBaseT Outputs	<ul style="list-style-type: none"> HDMI compliant to v1.4a 3D capable Refresh rates 24Hz, 30Hz, 60Hz Uncompressed video resolution 1080p, 1920x1200 Deep Color 24-48 bit Vertical Frequency Range 50 – 60 Hz Digital Audio PCM/7.1ch formats including Dolby Digital, True HD, DTS-HD & Master Audio
Zone Outputs	Bi-directional serial and IR, Ethernet
Chassis Control	Ethernet, Serial RS-232
GENERAL	
Dimensions w/feet (3U without feet)	17" x 14" x 14" 431.8 x 355.6 x 355.6 mm
Included in box	(1) ea US power cord (1) ea EU power cord (1) rack mount hardware (1) installation manual (4) feet for shelf mounting
Certifications	CE, UL, IC, FCC
POWER	
Mains supply	120/240 V~, 50Hz/60Hz, 3A max
Power Consumption	<p>Mains off: < 0.01W Networked standby, RS-232 only connected: < 0.5W Networked standby, TCP/IP only connected: < 1.0W Networked standby, RS-232 & TCP/IP connected: < 1.0W</p> <p>Automatic networked standby mode is activated 10 minutes after loss of control signal via Ethernet control port or RS-232 control port.</p>

Specifications and descriptions subject to change due to product upgrades and improvements. Be sure to consult the UltraMatrix Designers Guide for detailed design and feature information. Download it today at www.elanhomesystems.com/dealer or ask your local ELAN representative.

Audio & Video Matrix Switch



The gMV88, maximum flexibility for a changing world.

Suitable for high end custom and luxury homes as well as commercial installations where you cannot have too many connectivity options, the ELAN UltraMatrix series of audio and video switchers are your go-to product.

The ELAN gMV88 was created to enable your creativity. Want to listen to the same program you are watching in the master bedroom while you are in the master bathroom? Simple. How about a killer sound bar for the family room? I bet you want to hear music as well as video content through that sound bar. No problem. ELAN has you covered for this and for configuration options that you may have not even thought of.

Video sources like satellite, cable and Blu-ray are often used as sources to the audio system. Whether it is to play the big game through the architectural speakers around the house, or to

use those same speakers in place of the tiny TV speakers, making the connection between video source and audio zone to be time consuming and create a wiring quagmire. The gMV88 features HDMI audio breakout and Audio Return Program, delivering a simple path for the soundtrack to reach the rest of the house.

HDBaseT technology is incorporated to facilitate high definition content distribution. HDBaseT is used to feed monitors up to 1080p images along with all of the high definition audio formats. HDBaseT also provides single wire connection to distribute Ethernet, serial and IR control signals to remote rooms. The ELAN UltraMatrix series audio video switchers are the only switchers available that provide mirrored HDBaseT and HDMI output for every output, doubling your connection options.

Audio sources are accommodated regardless of their output format. The ELAN gMV88 is compatible with analog and coaxial digital outputs. The gMV88 automatically converts analog to digital and digital to analog allowing signals to pass seamlessly between amplifiers, surround sound receivers and monitors.

With an ELAN gSC series controller the gMV88 is programmed in a fraction of the time required on competitive systems. ELAN g! maps the connections for and each analog zone includes bass/treble/loudness adjustments for the end user and a five band digital EQ for the technician.

The ELAN gMV88 provides you the flexibility, reliability, simplicity, performance and user experience that your most demanding projects require.

FEATURES

- HDMI 1.4a inputs with Audio Breakout
- HDBaseT/HDMI mirrored outputs
- Audio Return Program (ARP) over HDBaseT
- Input format conversion
- Input level matching
- Advanced EDID Management
- Lip Sync Adjustment (Both Source and Zone)
- Zone Tone Controls and EQ
- Zone Grouping and Sub-Zoning
- Zone Channel Mix (Stereo/Dual, Left/Dual, Right/Mono)
- Zone Volume Min/Max
- Zone Channel Balance
- International Voltage (120/240V 50/60Hz) compatible
- Serial, IR, and Ethernet distribution to every HDBaseT zone
- Convenient g! Configurator based programming
- Rack Mount Hardware Included
- Works exclusively with ELAN g! gSC series controllers

INPUTS	OUTPUTS			
	HDBaseT	HDMI	Coaxial	Analog
HDMI	•	•	•	• †
ARP	•	•	•	•
Optical SPDIF	•	•	•	• †
Coaxial SPDIF	•	•	•	• †
Analog	• *	• *	• *	•

* requires mirrored analog and digital zone outputs

† 2ch PCM only

gMV88 Audio & Video Matrix Switch

ORDER NO. GMV88
INTERNATIONAL ORDER NO. GMV88



SPECIFICATIONS	
INPUTS & OUTPUTS	
Source Inputs	
HDMI	8 w/ audio breakout
HDBaseT ARP	8 incl. with HDBaseT
Analog Audio	16 pr RCA connector
Digital Audio	8 ea Optical SPDIF 16 ea RCA Coaxial SPDIF
Page/Doorbell	Use input 16
Zone Outputs	
HDBaseT	8 RJ45 Cat5e/Cat6/Cat7
HDMI (mirrored to HDBaseT)	8 19pin standard HDMI
Analog Audio	16 pr RCA connector
Digital	16 ea RCA Coaxial SPDIF
AUDIO	
Analog Inputs	
Input Sensitivity	0-2V RMS
Lip Sync	0-170ms in 1ms increment
Analog Outputs	
Volume Adjustment Range	-99.5dB to 0dB
Format Conversion	2ch PCM to analog
Lip Sync	0-170ms in 1ms increment
Tone/EQ Range	-20dB to +20dB in .5dB increment
Digital Inputs – Optical & Coaxial	
Format	PCM (7.1ch) SPDIF, Dolby© Digital & True HD, DTS-HD® & Master Audio
Format Conversion	2ch PCM to Analog stereo D/A
Lip Sync	0-170ms
Digital Outputs – Coaxial & HDMI	
Format	PCM (7.1ch) SPDIF from digital inputs
Format Conversion	2ch SPDIF from analog sources (requires mirror of analog zone output)
Lip Sync	0-170ms (requires mirror of analog zone output)
Tone/EQ	Bass/Treble/5 band (requires mirror of analog zone output)

VIDEO	
HDMI Inputs/Outputs	<ul style="list-style-type: none"> • HDMI 1.4a compliant • 3D capable • 36 bit deep color • HDCP 1.1 compliant • 6.75 Gps data rate • 1080p, 1920x1080@60Hz, HDTV compatible 340MHz up to 16 bit Y-U-V 444 supported @ 1080p/60)
HDBaseT Outputs	<ul style="list-style-type: none"> • HDMI compliant to v1.4a • 3D capable • Refresh rates 24Hz, 30Hz, 60Hz • Uncompressed video resolution 1080p, 1920x1200 • Deep Color 24-48 bit • Vertical Frequency Range 50–60 Hz • Digital Audio PCM/7.1ch formats including Dolby Digital • True HD, DTS-HD & Master Audio
Zone Outputs	Bi-directional serial and IR, Ethernet
Chassis Control	Ethernet, Serial RS-232
GENERAL	
Dimensions w/feet (3U without feet)	17" x 12-1/4" x 14" 431.8 x 311.15 x 355.6 mm
Included in box	(1) ea US power cord (1) ea EU power cord (1) rack mount hardware (1) installation manual (4) feet for shelf mounting
Certifications	CE, UL, IC, FCC
POWER	
Mains supply	120/240 V~, 50Hz/60Hz, 3A max
Power Consumption	<p>Mains off: < 0.01W Networked standby, RS-232 only connected: < 0.5W Networked standby, TCP/IP only connected: < 1.0W Networked standby, RS-232 & TCP/IP connected: < 1.0W</p> <p>Automatic networked standby mode is activated 10 minutes after loss of control signal via Ethernet control port or RS-232 control port.</p>

Specifications and descriptions subject to change due to product upgrades and improvements. Be sure to consult the UltraMatrix Designers Guide for detailed design and feature information. Download it today at www.elanhomesystems.com/dealer or ask your local ELAN representative.

HDBaseT Receivers

UltraMatrix



HDRE

HDRE



HDRS

Performance and Flexibility.

ELAN's HDBaseT receivers are designed to work exclusively with the UltraMatrix series of Audio/Video switchers and offer the reliability and connectivity that your projects demand. Both The HDRE and the HDRS comply to HDBaseT standards allowing them to be placed up to 100 wire meters (328 feet) from the UltraMatrix chassis using Category 5e/6/7 wire. The HDRE and HDRS receivers decode the HDBaseT signal and provide high performance HDMI high definition video and all formats of Dolby and DTS digital surround sound. Both units also provide bi-directional serial control as well as bi-directional infra-red control.

Exclusive Functionality

The HDRE adds two features to simplify projects. First is ELAN's unique Audio Return Program (ARP). Dedicated analog and digital audio inputs provide a return path to the UltraMatrix switcher for connection of a local audio source. This source may be made available to any UltraMatrix zone and the source may be controlled by the HDRE's serial, IR or Ethernet connections. The HDRE also includes a 10/100 Ethernet switch allowing you to connect a smart TV, gaming station, media streamer, or any other equipment requiring access to the internet.

HDRE vs. HDRS

Both units feature HDMI output and bi-directional serial and IR connections. The HDRE adds a four port Ethernet switch and ELAN's exclusive ARP circuit.



HDRS

HDRE/HDRS HDBaseT Receivers



ORDER NO. HDRE/HDRS

COMMON FEATURES

- Uncompressed video 1080p @ 50/60Hz, 2k (2048x1080p), 4k (4096x2160p)
- Supports high resolution video at 480i, 480p, 720p, 1080i, 1080p, 2096x1080, 4096x2160
- DVI 1.0 and HDCP 1.2 compliant
- Full EDID pass-through
- Supports all VESA formats
- 10.2Gbps HDMI audio for support of Dolby TrueHD and DTS Master Audio 7.1 compliant
- Supports refresh rates of 24Hz, 30Hz, 50Hz, 60Hz
- Full 1080p 50/60Hz (48bi) at 330'
- Troubleshooting/Status LEDs

INCLUDED IN THE BOX:

- (1) HDRE or HDRS HDBaseT Receiver

INPUT/OUTPUT CONNECTIONS	
HDBaseT	RJ45 Cat5e/6/7 T568B termination required
HDMI	Standard 19 pin HDMI female
Serial RS-232	9-pin D-sub female
IR Input	3.5mm (stereo)
IR Output	3.5mm (mono)
Analog Audio †	RCA female (stereo)
SPDIF †	Optical or Coaxial
Ethernet †	(4) 10/100 RJ45

† HDRE only

SPECIFICATIONS	
Product Dimensions, HDRE / HDRS	(in.) 9.50 H x 4.75 W x 1 D (mm) 241.30 H x 120.65 W x 25.40 D
HDCP	1.2 Compliant
EDID	Pass through
3D formats support:	Side-by-Side Horizontal; Top-and-Bottom; Frame-Packing; field alternative; frame alternative; line alternative; side-by-side half; side-by-side full; L + depth; L + depth + graphics + graphics depth
Deep Color	48bit up to 330ft
Resolution Support	2k (2048x1080p)
Power Consumption (max.)	15W
Video Bandwidth	10Gbps
HDMI Connector	19 pin female connector
Link Connector	328 feet (100 meters) Cat5e/6/7 260 feet (80 meters) Cat5e when ARP is used
Power	PoH (supplied by UltraMatrix chassis)
Mounting	Wall mounted (hardware not included)



HDRE



New HDMI Solutions

ELAN's new HDMI products are designed to work seamlessly with any ELAN control system for projects of all sizes. Auto discovery and simplified configuration reduce configuration time to minutes – not hours – while delivering robust video distribution power throughout the system.

Choose the HDMI products built for your control system:

- Simple discovery
- Fast configuration
- Seamless integration

Choose 4K HDMI distribution with the features you need:

- True 4K HDMI
- ARC with an audio matrix
- Rock solid reliability



NEW: 4K UHD VIDEO OVER IP [Page 51](#)



Premium A/V Matrix Series

ELAN Premium Series Audio & Video Matrix Switches—whether watching the big game, watching a movie, or just relaxing to some great tunes, ELAN makes it easy.



EL-4KPM-V88-A2416



EL-4KPM-V66-A1812

The ELAN Premium HDMI Audio/Video Matrices deliver the range of industry leading features expected in today's installations.

With video distribution of 4K HDCP 2.2 compliant video, Bi-directional IR and PoE (PoE) up to lengths of 100m over a single CAT cable, the ELAN Premium Series simplifies the distribution of audio and video content throughout the home.

The Premium series matrices provide a built-in audio matrix switch with up to 24 audio inputs. These advanced features take the guesswork out of system design. The ELAN Platinum Series matrices feature independent audio routing, Audio Return Channel (ARC), audio embedding and de-embedding to make projects both simple and reliable. Analog and digital audio from video sources are easily added using the analog inputs, HDMI inputs, or Audio Return Channel (ARC). The extensive I/O and the flexibility to

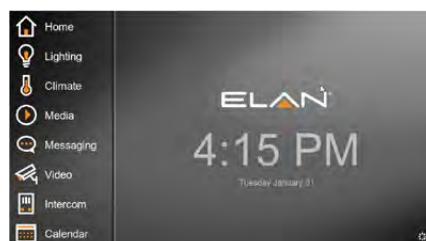
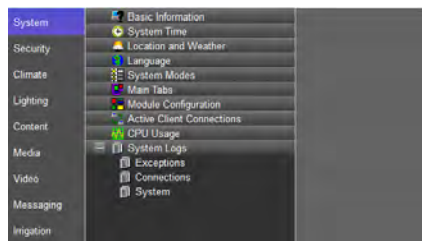
route signals from almost any source to virtually any destination allows for almost limitless possibilities, whether it's to play the big game through the home's architectural speakers or to use those same speakers for the home theater.

HDBaseT technology is incorporated to facilitate high-definition content distribution feeding monitors 4K or 1080P images, along with all of the high definition audio formats. HDBaseT also connects control signals and Ethernet to remote areas, enabling control of monitors and sources, while providing internet to smart TV's, streaming sources and gaming devices. With simultaneous HDBaseT/HDMI outputs, up to two HDBaseT inputs, LAN Serving and RS-232 pass-through, the ELAN Premium Series matrices take full advantage of the benefits offered by HDBaseT.

They allow for multiple media experiences while providing seamless control integration of devices located throughout the project.

Using one of ELAN's powerful System Controllers the Premium Series matrices can be easily configured with the ELAN Configuration Software. In just seconds, the integrator can define audio channels, designate EDID presets and insert audio delays on outputs to correct any lip-sync issues within the system all from ELAN's Configuration Software.

The built-in web interface module makes it easy to setup and use these powerful products in any installation, even those without an ELAN controller.



LEFT: ELAN Premium Series matrices can be easily configured with the ELAN Configuration Software.

RIGHT: Control of the ELAN Premium Series matrices is seamless, using the award-winning ELAN user interface.

Premium A/V Matrix Series *continued*

ORDER NO. EL-4KPM-V88-A2416 | EL-4KPM-V66-A1812

COMMON FEATURES

- HDMI 2.0 inputs with Audio Breakout
- HDCP 2.2 Compliant
- 4K UHD video up to 70m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Dolby TrueHD®, Dolby Atmos®, Dolby Digital Plus® and DTS-HD Master Audio® pass-thru
- Simultaneous HDBaseT and HDMI outputs
- Advanced HDBaseT technology offering uncompressed video and audio with zero latency
- Audio Return Program (ARP) over HDBaseT
- Advanced EDID Management
- Lip Sync Adjustment (Both Source and Zone)
- Zone Grouping
- Zone Volume Min/Max
- International Voltage (120/240 50/60Hz) Compatible
- Serial, IR, and Ethernet distribution to every HDBaseT zone
- Convenient ELAN Configurator based programming
- Rack Mount Hardware Included
- Works seamlessly with ELAN System Controllers

	INPUTS				OUTPUTS			
	HDBaseT	HDMI	Optical	Analog	HDBaseT	HDMI	Optical	Analog
HDMI	•	•	•	• †	•	•	•	• †
ARC	•	•	•	• †	•	•	•	• †
Analog		•	•	• †		•	•	• †

† 2ch PCM only



EL-4KPM-V88-A2416



EL-4KPM-V66-A1812

Premium A/V Matrix Series *continued*

ORDER NO. EL-4KPM-V88-A2416

FEATURES

- Inputs 1 & 2 support either HDBaseT & HDMI to enable integration of remote HDMI sources up to 1080p 70m distance (4K up to 40m)
- Up to 24x16 Audio Matrix independently controllable from video:
 - 8x independent analogue L/R audio inputs which can be routed to audio outputs or embedded onto HDBaseT/HDMI outputs
- Includes 8 x 5v-to-12v IR converter cables
- Includes 2 x RS-232 control cables

SPECIFICATIONS

Video Input Connectors	8x HDMI Type A, 19-pin, female, 1x HDBaseT RJ45 connector
Video Output Connectors	8x HDMI Type A, 19-pin, female, 8x HDBaseT RJ45 connector
Audio Input Connectors	8x 3.5mm stereo jack (L/R)
Audio Output Connectors	8x RCA (SPDIF), 6x 3.5mm stereo jack (L/R)
RS-232 serial ports	9x 3-Pin Phoenix connector
TCP/IP Control	RJ45, female
Ethernet/Network	RJ45, female
IR Input ports	9x5v 3.5mm stereo jack
IR Output ports	9x5v 3.5mm mono jack
Rack-Mountable	2 U rack height, rack ears included
Case Dimensions (W x H x D)	17.35" x 3.45" x 14.25" (440mm x 87mm x 361mm) without feet
Dimensions Including Connections (W x H x D)	17.35" x 3.45" x 14.55" (440mm x 87mm x 369mm) with feet
Shipping Weight	19.4lbs (8.8kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Power Supply	Internal 100-240v DC



EL-4KPM-V88-A2416



Premium A/V Matrix Series *continued*

ORDER NO. EL-4KPM-V66-A1812

FEATURES

- Input 1 supports dual HDBaseT & HDMI to enable integration of remote HDMI sources up to 1080p 70m distance (4K up to 40m)
- Up to 18x12 Audio Matrix independently controllable from video:
- Includes 6 x 5v-to-12v IR converter cables
- Includes 2 x RS-232 control cables

SPECIFICATIONS

Video Input Connectors	6x HDMI Type A, 19-pin, female, 1x HDBaseT RJ45 connector
Video Output Connectors	6x HDMI Type A, 19-pin, female, 6x HDBaseT RJ45 connector
Audio Input Connectors	6x 3.5mm stereo jack (L/R)
Audio Output Connectors	6x RCA (SPDIF), 6x 3.5mm stereo jack (L/R)
RS-232 serial ports	7x 3-Pin Phoenix connector
TCP/IP Control	RJ45, female
Ethernet/Network	RJ45, female
IR Input ports	7x5v 3.5mm stereo jack
IR Output ports	7x5v 3.5mm mono jack
Rack-Mountable	2U rack height, rack ears included
Case Dimensions (W x H x D)	17.35" x 3.45" x 14.25" (440mm x 87mm x 361mm) without feet
Dimensions Including Connections (W x H x D)	17.35" x 3.45" x 14.55" (440mm x 87mm x 369mm) with feet
Shipping Weight	19.4 Lbs (8.8kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Power Supply	Internal 100-240v DC



EL-4KPM-V66-A1812



4K UHD Video Over IP

ELAN's Video over IP solutions delivers stunning, virtually latency free, HDMI video at 4K UHD resolutions over a 1GB Network.



EL-4KPM-VIP-TX, EL-4KPM-VIP-RX, EL-4KPM-VIP-CTRL

Video over IP from ELAN delivers virtually latency free distribution of HDMI video over a 1GB Network switch.

ELAN's new Video over IP solution utilizes multi-cast technology to deliver virtually latency free distribution of HDMI video at 4K UHD resolution over a 1GB Ethernet Switch. Using lossless compression technology, ELAN's Video over IP solution delivers stunning video, bi-directional IR, and RS-232 up to lengths of 100m over a single category cable. ELAN's Video over IP solution features Power over Ethernet (PoE) capabilities allowing for a cleaner, easier, solution when connecting to a PoE Ethernet switch or PoE injector. ELAN's Configuration software and multi-cast technology, gives our Video over IP solution the flexibility and ease of installation for all of your projects.

The beauty of Video over IP is its flexibility and ease of installation. The industry has been requesting a video over IP solution that can be installed in minutes negating the need for any networking qualifications. Video over IP has been developed in line with these objectives and is now ready to deliver a new era in advanced video distribution.

Residential: Utilizing existing category cable infrastructure throughout a home, our solutions can transmit 4K resolutions to multiple displays with ease. No longer must all sources be located in a central location as per typical rack-based matrix solutions, as the Video over IP products allow sources to be installed in any location throughout the home. All ELAN Video over IP products require a single category cable to each product. Our Video over IP products have been tested and approved for compatibility with all recognized manufacturers of TV displays and AV hardware.

Commercial: Many commercial installations will far exceed the capabilities of any standard HDMI / HDBaseT distribution system. The ELAN Video over IP hardware is not limited by the standard constraints of other methods of distribution, allowing virtually unlimited amounts of source and display hardware to be installed at any location, across existing network infrastructures.

COMMON FEATURES

- Visually Latency Free 4K HDR Video Distribution
- Built-In Video Up-Scaling and Down-Scaling
- Virtually Unlimited Scalability
- Easy to Install
 - Extends HDMI using almost any Layer 3 1GB Ethernet Switch
 - No VLAN Setup Required
- Easily Integrates with ELAN Systems
- Advanced EDID Management
- 4 Modes of Operation
 - Matrix Distribution
 - Video Wall
 - One-to-One HDMI Extender
 - One-to-Many HDMI

4K UHD Video Over IP *continued*

ORDER NO. EL-4KPM-VIP-TX

The EL-4KPM-VIP-TX is an industry leading 4K HDMI transmitter that uses lossless compression technology to deliver HDMI 4K video, Bi-directional IR, and RS-232 signals up to 100m over a single category cable. The EL-4KPM-VIP-TX can be powered via PoE (Power over Ethernet) from a PoE enabled Ethernet switch or a PoE injector. The EL-4KPM-VIP-TX may also be powered locally when PoE is not an option.

SPECIFICATIONS	
Video input	1x HDMI type A, female
Video output	1x LAN RJ45 connector
Audio input	1x 3.5mm L/R analogue audio
Ethernet port	1x LAN RJ45 connector
RS-232 serial port	1x 3-pin phoenix connector
IR input	1 x 3.5mm stereo jack
IR output	1x 3.5mm mono jack
Mounting Kit	Mounting kit included
Dimensions (W x D x H)	7.48" x 4.25" x .98" (190mm x 108mm x 25mm)
Shipping weight (Kit)	1.65lbs (0.75kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)



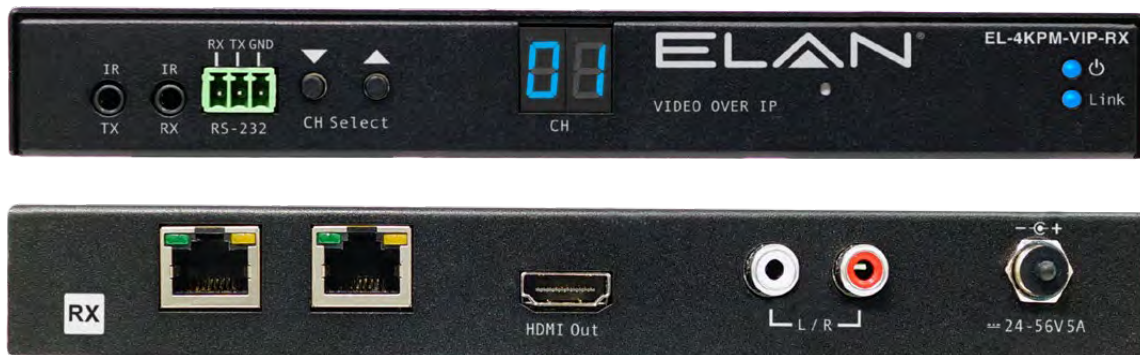
EL-4KPM-VIP-TX

4K UHD Video Over IP *continued*

ORDER NO. EL-4KPM-VIP-RX

The EL-4KPM-VIP-RX is an industry leading 4K HDMI receiver that uses lossless compression technology to deliver HDMI 4K video, Bi-directional IR, and RS-232 signals up to 100m over a single category cable. The EL-4KPM-VIP-RX can be powered via PoE (Power over Ethernet) from a PoE enabled Ethernet switch or a PoE injector. The EL-4KPM-VIP-RX may also be powered locally when PoE is not an option.

SPECIFICATIONS	
Video input	1x HDMI type A, female
Video output	1x LAN RJ45 connector
Audio input	1x 3.5mm L/R analogue audio
Ethernet port	1x LAN RJ45 connector
RS-232 serial port	1x 3-pin phoenix connector
IR input	1x 3.5mm stereo jack
IR output	1x 3.5mm mono jack
Mounting Kit	Mounting kit included
Dimensions (W x D x H)	7.48" x 4.25" x .98" (190mm x 108mm x 25mm)
Shipping weight (Kit)	1.65lbs (0.75kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)



EL-4KPM-VIP-RX

4K UHD Video Over IP *continued*

ORDER NO. EL-4KPM-VIP-CTRL

ELAN's Video over IP distribution platform allows distribution of HDMI video over a 1GB Network switch.

SPECIFICATIONS	
Ethernet port	2x LAN RJ45 connector
RS-232 serial port	1x 3-pin phoenix connector
R input	1x 3.5mm stereo jack
Ethernet port	1x LAN RJ45 connector
Dimensions (W x D x H)	3.5" x 3.35" x .91" (89mm x 85mm x 23mm)
Shipping weight (Kit)	.88lbs (0.4kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)



EL-4KPM-VIP-CTRL

Video Matrix Series

The ELAN Video Matrix Series of HDMI products seamlessly integrates with ELAN control systems to create the ultimate viewing experience in any room.



EL-4KM-V44



EL-4KM-V88



EL-4KM-V44-KIT

ELAN Video Matrices deliver the range of industry-leading features expected from today's HDMI distribution products.

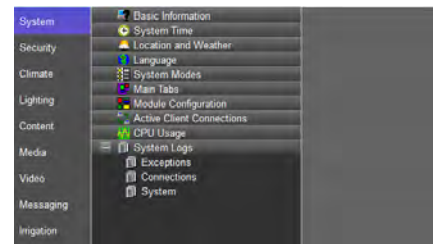
With distribution of 4K HDCP 2.2 compliant video, Bi-directional IR, RS-232 serial communication*, and PoH (PoE) up to lengths of 70m over a single Category cable the ELAN Video Matrix Series allows you to take your installation to the next level.

The ELAN Video Matrices provide a simple and elegant solution to ensure flawless signal distribution. The Video Matrix Series feature Audio Return Channel (ARC) and HDBaseT Outputs. Products in the series offer the flexibility to route HDMI signals to any destination, allowing for the utmost in viewing entertainment, on any TV/monitor in the home.

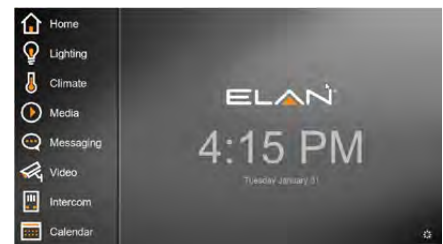
HDBaseT technology is incorporated to facilitate high-definition content distribution. HDBaseT is used to feed monitors 4K or 1080P images, and feeds all of the high definition audio formats to the audio system. HDBaseT also connects control

signals and Ethernet to remote areas, enabling control of monitors and sources and providing internet to smart TV's, streaming sources and gaming devices. With two-way IR and RS-232 pass-through* the ELAN Video Matrix series delivers the benefits offered by HDBaseT while providing seamless control integration of devices located throughout the project.

Using one of ELAN's powerful System Controllers allows the Video Matrix Series to be easily configured through the ELAN Configurator Software. In just seconds, the integrator can define audio channels, designate EDID presets and insert audio delays on outputs to correct any lip-sync issues within the system all from ELAN's Configuration Software. The built-in web interface module gives you the option to setup and use these powerful products in all your installations even without an ELAN controller!



The ELAN Platinum Series matrices can be easily configured with the ELAN Configurator Software.



Control of the ELAN Platinum Series matrices is seamless, using the award-winning ELAN user interface.

*only on the 44-Kit

Video Matrix Series *continued*

ORDER NO. EL-4KM-V88 | EL-4KM-V44-KIT

COMMON FEATURES

- HDMI 2.0 inputs
- HDCP 2.2 Compliant
- Extend 4K UHD video up to 40m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Extend 1080P video up to 70m
- Dolby TrueHD®, Dolby Atmos®, Dolby Digital Plus® and DTS-HD Master Audio® pass-thru
- Advanced HDBaseT technology offering uncompressed video and audio with zero latency
- Advanced EDID Management
- Web Interface for control and configuration of matrix
- Bi-directional IR from all input and output locations
- Supports PoH (Power over HDBaseT)
- 1U Design for 19" rack mount integration
- Front Panel Control
- Works seamlessly with ELAN System Controllers



EL-4KM-V88



FRONT

BACK

FRONT

BACK

EL-4KM-V44-KIT

Video Matrix Series *continued*

ORDER NO. EL-4KM-V88

SPECIFICATIONS	
Video Input Connectors	8x HDMI Type A, 19-pin, female
Video Output Connectors	6x HDBaseT RJ45 connector, 2x HDMI Type A, 19-pin, female
RS-232 serial ports	DB-9, female
TCP/IP Control	RJ45, female
IR Input ports	9x 5v 3.5mm stereo jack
IR Output ports	8x 5v 3.5mm mono jack
Rack-Mountable	1U rack height, rack ears included
Casing Dimensions (W x H x D)	17.35" x 11.85" x 1.7" (440mm x 300mm x 43mm) without feet
Dimensions Including Connections (W x H x D)	17.35" x 12" x 1.7" (440mm x 305mm x 43mm) with feet
Shipping Weight	5.95lbs (2.7kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Power Supply	12V/5A DC (main) & 24V/6A DC (POH)



EL-4KM-V88

Video Matrix Series *continued*

ORDER NO. EL-4KM-V44

FEATURES

- Bi-Directional RS-232 from all input and output locations
- Simultaneous HDBaseT and HDMI outputs
- Audio Return Program (ARP) over HDBaseT
- Includes 4 x EL-4KHDBT-RX-40-IRS HDBaseT Receivers (Shown below)



FRONT



BACK



SPECIFICATIONS	
Video Input Connectors	4x HDMI Type A, 19-pin, female
Video Output Connectors	4x HDMI Type A, 19-pin, female, 4x HDBaseT RJ45 connector
Audio Output Connectors	4x 3.5mm stereo jack
RS-232 serial ports	5x DB-9, female
TCP/IP Control	1x RJ45, female
IR Input ports	5x5v 3.5mm stereo jack
IR Output ports	4x5v 3.5mm mono jack
Rack-Mountable	1U rack height, rack ears included
Casing Dimensions (W x H x D)	17.35" x 9.25" x 1.7" (440mm x 235mm x 43mm) without feet
Dimensions (W x H x D)	17.35" x 9.5" x 1.7" (440mm x 241mm x 43mm) with feet
Shipping Weight	5.95lbs (2.7kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Power Supply	1x 24V/3.5A DC (POH)



EL-4KM-V44

HDBaseT Extenders

ELAN HDBaseT Extenders extend HDMI signals throughout the home, enabling homeowners to watch video in remotely located rooms within the house.



EL-4KHDBT-RX-40-IRS



EL-4KHDBT-RX-70-E-ARC-IRS



EL-4KHDBT-RX-40-IR



EL-4KHDBT-TX-40-IRS



EL-4KHDBT-TX-70-E-ARC-IRS



EL-4KHDBT-TX-40-IR

The ELAN HDBaseT Extender family delivers a full range of features, including 5PLAY technology.

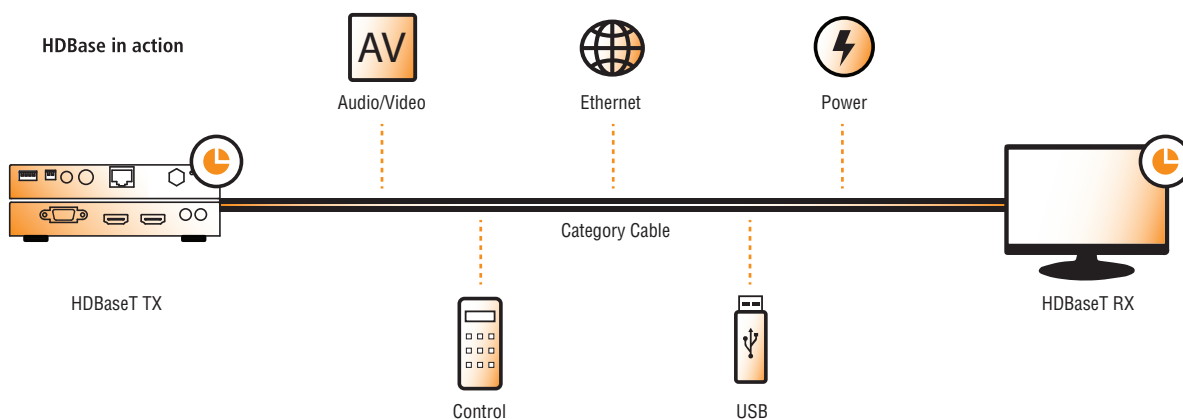
HDBaseT technology enables extending high-definition content beyond the limits of standard HDMI cables, offering greater flexibility to keep your entertainment rooms free from the clutter of electronic devices. HDBaseT incorporates 5Play technology to send Video, Audio, Control (2-way IR and Serial), Ethernet, and Power over HDBaseT (PoH) down a single Category cable. HDBaseT feeds monitors 4K or 1080P images, and feeds all of the high definition audio formats to the audio system. HDBaseT allows connecting source devices to send control signals, as well as Ethernet, to

remote areas. 5Play technology enables control of remotely located monitors and source devices, and provides internet to smart TV's, streaming sources, and gaming devices. With 2-way IR and RS-232 pass-through, the ELAN HDBaseT series of extenders delivers the benefits offered by HDBaseT while providing seamless control integration of devices located throughout the project.

The ELAN HDBaseT Extender Kits include an HDBaseT transmitter and an HDBaseT receiver. With two different kit options available, extending

video, audio, control, and Ethernet all while sending power to the receiver is easy. One Category cable does it all, eliminating the guess work and expense of multiple cables.

The ELAN HDBaseT receivers are available separately, allowing integrators to take full advantage of the built-in HDBaseT transmitters from the new ELAN Platinum and Video Matrix Series products.



HDBaseT Extenders *continued*

ORDER NO. EL-4KHDBT-RXTX-70-E-ARC-IRS | EL-4KHDBT-RXT-40-IR | EL-4KHDBT-RXTX-40-IRS

HDBaseT TRANSMITTERS* COMMON FEATURES

- Advanced HDBaseT technology offering uncompressed video and audio with zero latency
- HDMI 2.0 inputs
- HDCP 2.2 Compliant
- Extends 4K UHD Video (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Extends 1080P Video
- Supports industry standard video resolutions
- Dolby TrueHD®, Dolby Atmos®, Dolby Digital Plus® and DTS-HD Master Audio® pass-thru
- HDMI Loop Output for integrating local display or cascading to multiple devices
- Bi-directional IR
- Bi-directional RS232 pass-through
- Supports PoH (Power over HDBaseT) for powering HDBaseT receivers

**HDBaseT transmitters available in kits only*



EL-4KHDBT-TX-70-E-ARC-IRS



EL-4KHDBT-TX-40-IRS

HDBaseT RECEIVERS* COMMON FEATURES

- Advanced HDBaseT technology offering uncompressed video
- Audio with zero latency
- HDMI 2.0 inputs
- HDCP 2.2 Compliant
- Extends 4K UHD Video (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Extends 1080P Video
- Supports industry standard video resolutions
- Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master Audio pass-thru

**HDBaseT receivers included in kits and sold separately*



EL-4KHDBT-RX-70-E-ARC-IRS



EL-4KHDBT-RX-40-IR



EL-4KHDBT-RX-40-IRS

HDBaseT Extenders *continued*

EL-4KHDBT-TX-70-E-ARC-IRS

FEATURES

- Extends 4K UHD Video up to 70m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Extends 1080P Video up to 100m
- Bi-Directional RS-232 pass-through
- 10/100 Ethernet pass-through (LAN Serving)
- Audio Return Channel (ARC) over HDBaseT from display via HDMI or Optical Digital Input
- Support audio return to HDMI, Optical Digital, and analogue L/R audio outputs (2CH PCM Only)

SPECIFICATIONS	
Video Input Connectors	1x HDMI Type A, female
Video Output Connectors	1x HDBaseT RJ45 connector, 1x HDMI Type A, female
Audio Input Connectors	2x RCA (L/R), 1x Optical (SPDIF)
Ethernet port	1x RJ45 connector
RS-232 serial port	1x DB-9 female
IR Input ports	1 x 5v 3.5mm stereo jack
IR Output ports	1 x 5v 3.5mm mono jack
Rack-Mountable	2x mounting bracket



EL-4KHDBT-TX-70-E-ARC-IRS

EL-4KHDBT-TX-40-IRS

FEATURES

- Extends 4K UHD Video up to 40m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Extends 1080P Video up to 70m
- Bi-Directional RS-232 pass-through

SPECIFICATIONS	
Video Input Connectors	1x HDMI Type A, female
Video Output Connectors	1x HDBaseT RJ45 connector, 1x HDMI Type A, female
RS-232 serial port	1x DB-9 female
IR Input ports	1x 5v 3.5mm stereo jack
IR Output ports	1x 5v 3.5mm mono jack



EL-4KHDBT-TX-40-IRS

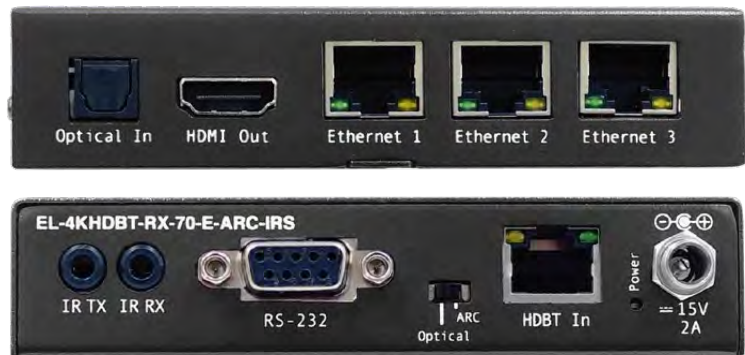
HDBaseT Extenders *continued*

EL-4KHDBT-RX-70-E-ARC-IRS

FEATURES

- Extends 4K UHD Video up to 70m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Extends 1080P Video up to 100m
- HDMI Loop Output for integrating local display or cascading to multiple devices
- Bi-Directional RS-232 pass-through
- Bi-directional IR pass-through
- Audio Return Channel (ARC) over HDBaseT from display via HDMI or Optical Digital Input
- Integrated 10/100 3-Port Ethernet switch (LAN Servicing) when used as part of an ELAN EL-4KHDBT-KIT-70-E-ARC-IRS or ELAN Platinum Matrix products
- Supports PoH (Power over HDBaseT) to receive power from HDBaseT transmitters

SPECIFICATIONS	
Video Input Connectors	1x HDBaseT RJ45 connector
Video Output Connectors	1x HDMI Type A, female
Audio Input Connectors	1x Toslink
Ethernet port	3x RJ-45 connector
RS-232 serial port	1x DB-9 female
IR Input ports	1x 5v 3.5mm stereo jack
IR Output ports	1x 5v 3.5mm mono jack



EL-4KHDBT-RX-70-E-ARC-IRS

EL-4KHDBT-RX-40-IRS

FEATURES

- Extends 4K UHD Video up to 40m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Extends 1080P Video up to 70m
- HDMI Loop Output for integrating local display or cascading to multiple devices
- Bi-Directional RS-232 pass-through
- Bi-directional IR pass-through
- Supports PoH (Power over HDBaseT) to receive power from HDBaseT transmitters

SPECIFICATIONS	
Video Input Connectors	1x HDBaseT RJ45 connector
Video Output Connectors	1x HDMI Type A, female
RS-232 serial port	1x DB-9 female
IR Input ports	1x 5v 3.5mm stereo jack
IR Output ports	1x 5v 3.5mm mono jack



EL-4KHDBT-RX-40-IRS

HDBaseT Extenders *continued*

EL-4KHDBT-RX-40-IR

FEATURES

- Extends 4K UHD Video up to 40m (3840 x 2160 @30Hz 4:4:4, 4096 x 2160 @24Hz 4:4:4, and 4K @60Hz 4:2:0)
- Extends 1080P Video up to 70m
- Bi-directional IR pass-through
- Supports PoH (Power over HDBaseT) to receive power from HDBaseT transmitters

SPECIFICATIONS	
Video Input Connectors	1x HDBaseT RJ45 connector
Video Output Connectors	1x HDMI Type A, 19-pin, female
IR Input ports	1x5v 3.5mm stereo jack
IR Output ports	1x5v 3.5mm mono jack
Power Supply	12V/2A DC, screw type connector
Power Consumption	9.5W
Casing Dimensions (W x D x H)	2.95" x 4.1" x 1.07" (75mm x 104mm x 27mm)
Dimensions (W x D x H)	2.95" x 4.25" x 1.07" (75mm x 108mm x 27mm) with connections
Shipping Weight	.88 Lbs (0.4kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Mounting kit included	



EL-4KHDBT-RX-40-IR

EL-4KPM-VW44

Seamless Matrix

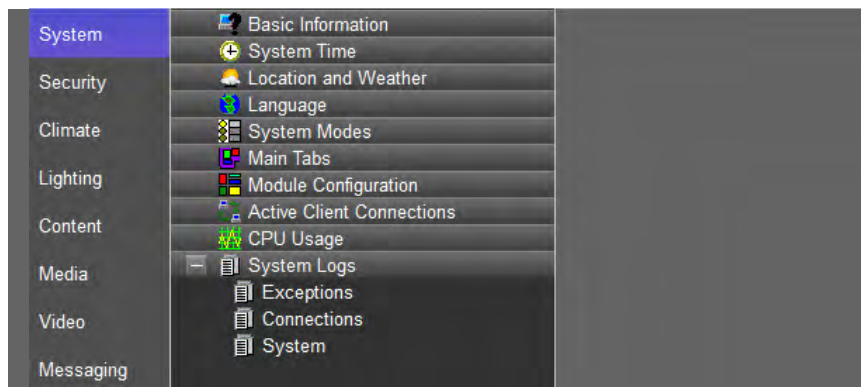


EL-4KM-VW44

The ELAN 4x4 Seamless HDMI Matrix allows you to watch up to 4 HDMI inputs on a single TV! Or use the Video Wall feature to easily turn multiple video monitors into a single large scale image.

The ELAN EL-4KM-VW44 4x4 Seamless HDMI Matrix, is a multipurpose, high-speed video processing system that can be set up for use in 1 of 3 different operating modes. The EL-4KM-VW44 can perform as a 4x4 seamless matrix switch, as a 2x2, 4x1 or 1x4 video wall solution, or as a quad multi-view video display system. Source Inputs, including HDMI or VGA with associated L/R analogue audio, are easily configured.

The ELAN Seamless HDMI Matrix enables taking projects to the next level and easily adds the custom experience clients seek.



The Seamless HDMI Matrix is easily configured and added to ELAN projects using ELAN's Configuration Software. The EL-4KM-VW44 also features a web browser interface module for control and configuration of the matrix when used stand-alone or with a third party control system. Control options include front-panel push buttons, IR remote control, RS-232 interface, and TCP/IP.

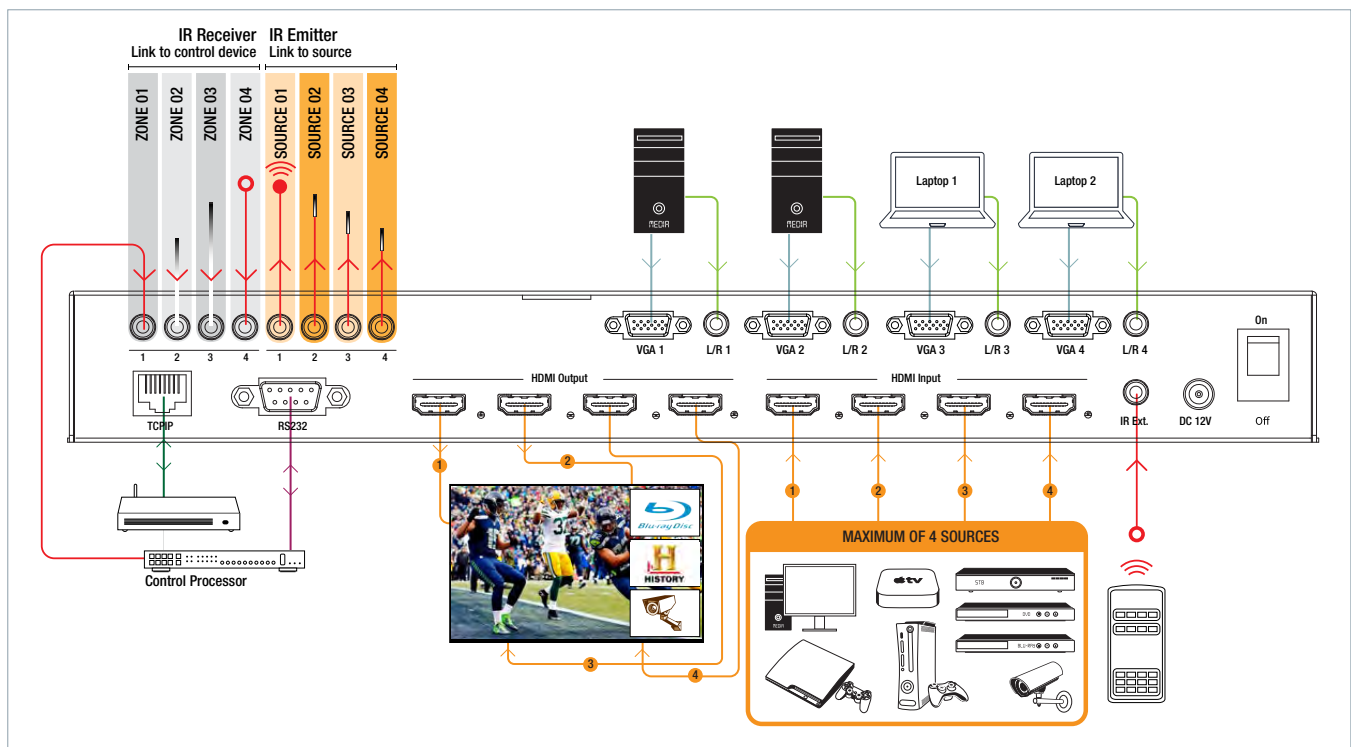
FEATURES

- 3 Operational Modes:
 - 4x4 Matrix (selected HDMI or VGA Inputs)
 - Video Wall (2x2, 4x1, 1x4)
 - Multi-Viewer with preset layouts
- 4 Video Inputs—Configured as HDMI or VGA with associated L/R analogue audio
- Seamless Video Switching
- Supports Industry Standard Video Resolutions
- HDMI Output Fixed to 1080P at 60Hz
- HDCP Compliant
- Advanced EDID Management
- Supports HDMI 2CH PCM Audio Only
- IR Routing
- Web GUI for control and configuration
- Control via front panel IR, RS-232, and TCP/IP
- Works seamlessly with ELAN System Controllers

Seamless Matrix *continued*

ORDER NO. EL-4KM-VW44

SPECIFICATIONS	
Video Input Connectors	4 x HDMI Type A, 19-pin, Female, 4 x VGA
Video Output Connectors	4 x HDMI Type A, 19-pin, Female
Audio Input Connectors	4 x 3.5mm Analogue Stereo Jack
RS-232 serial port	1x DB-9 female
TCP/IP Control	RJ45, Female
IR Input ports	5 x 3.5mm stereo jack
IR Output ports	4 X 3.5mm mono jack
Casing Dimensions (W x H x D)	17.35" x 1.8" x 7.1" (440mm x 45mm x 180mm)
Dimensions with connections (W x H x D)	17.35" x 1.8" x 7.4" (440mm x 45mm x 187mm)
Shipping Weight	8.85lbs (4.0kg)
Operating Temperature	32°F to 104°F (0°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Power Supply	12V/3A DC
Mounting Kit Included	

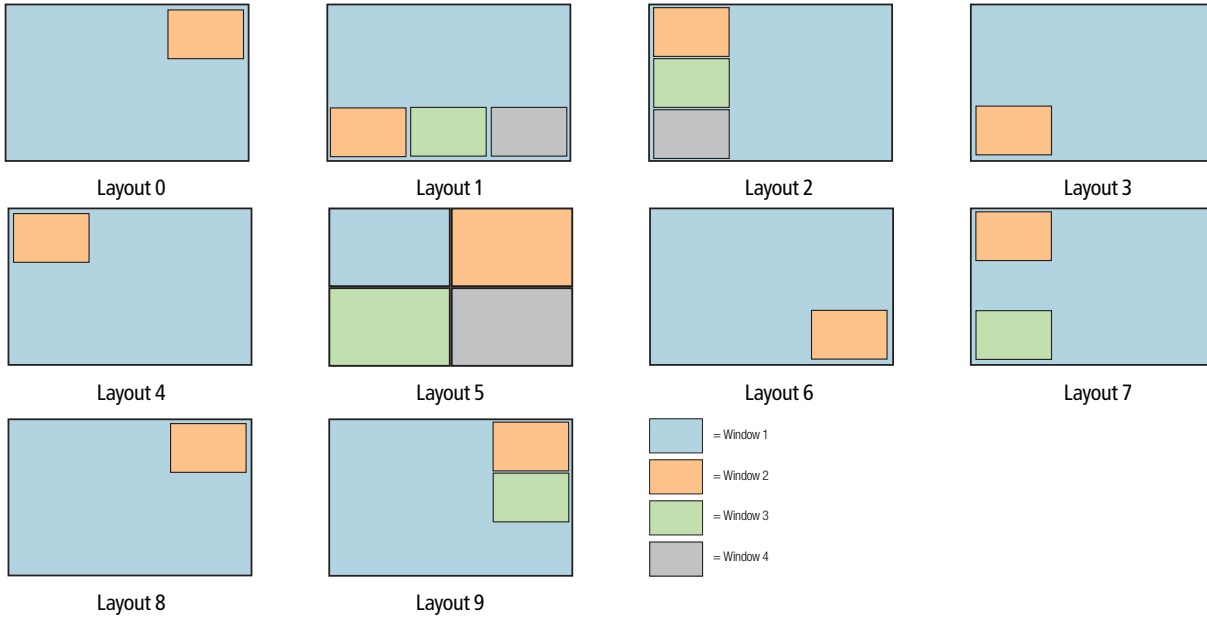


The Seamless HDMI Matrix features four IR inputs and outputs, allowing source gear to be remotely located and easily controlled.

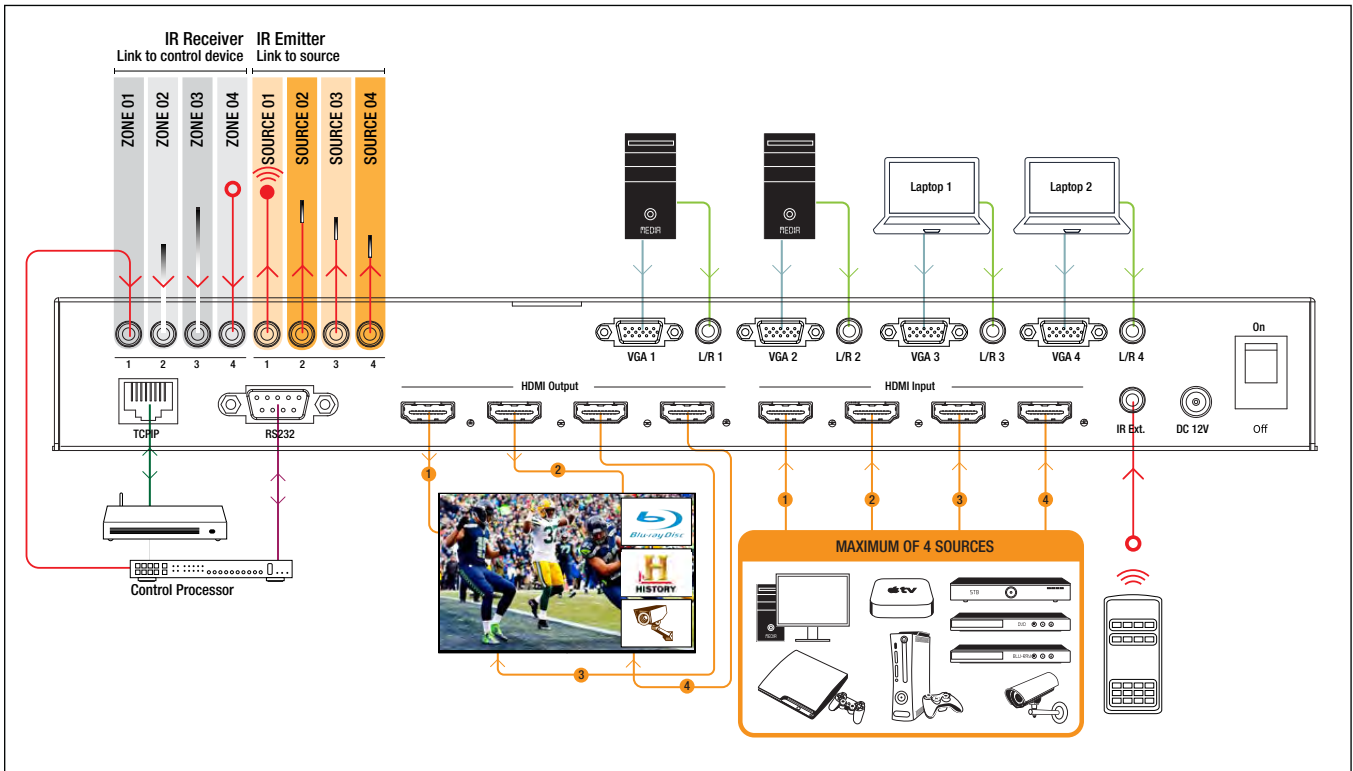
Seamless Matrix *continued*

ORDER NO. EL-4KM-VW44

MULTI-VIEW LAYOUT OPTIONS:



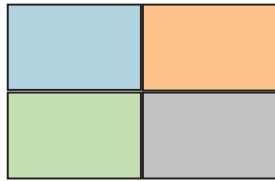
MULTI-VIEW MODE:



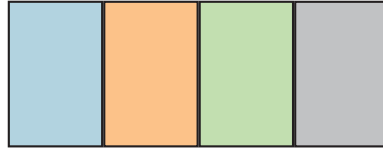
Seamless Matrix *continued*

ORDER NO. EL-4KM-VW44

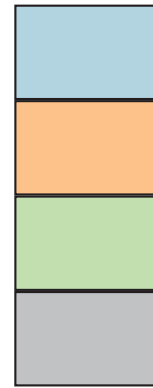
VIDEO WALL LAYOUT OPTIONS:



2 x 2

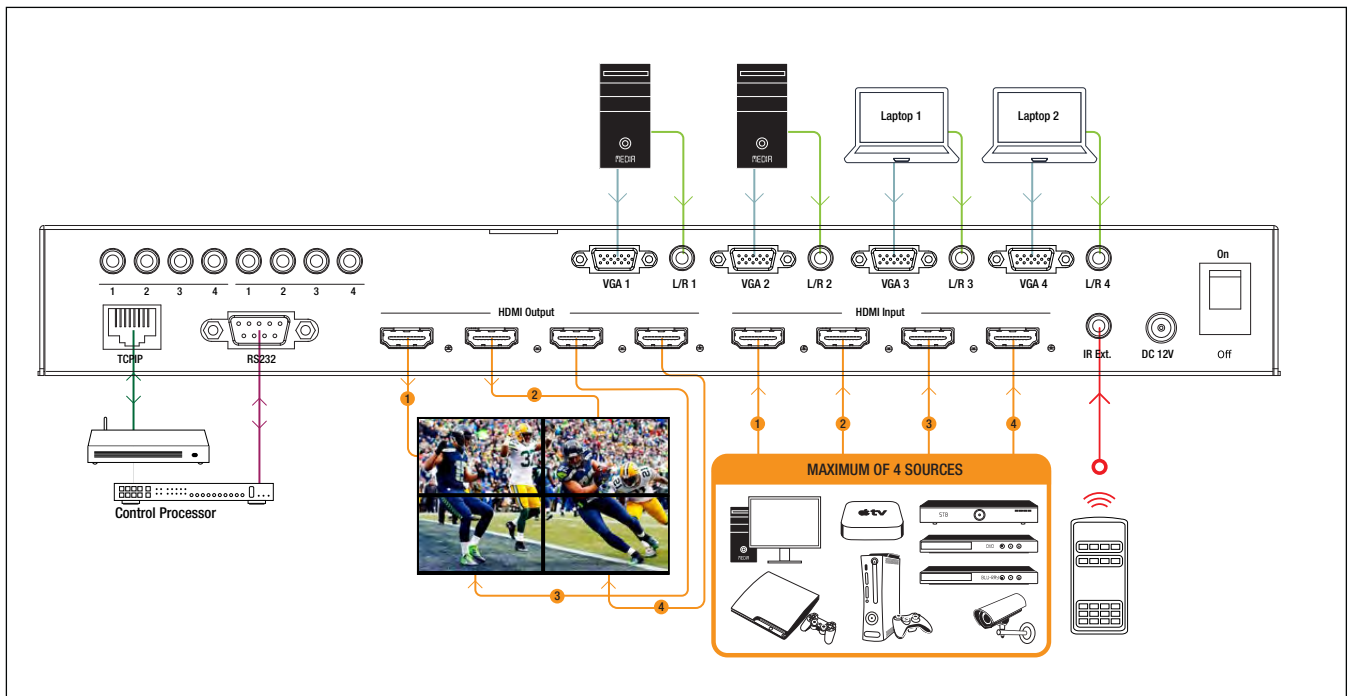


1 x 4

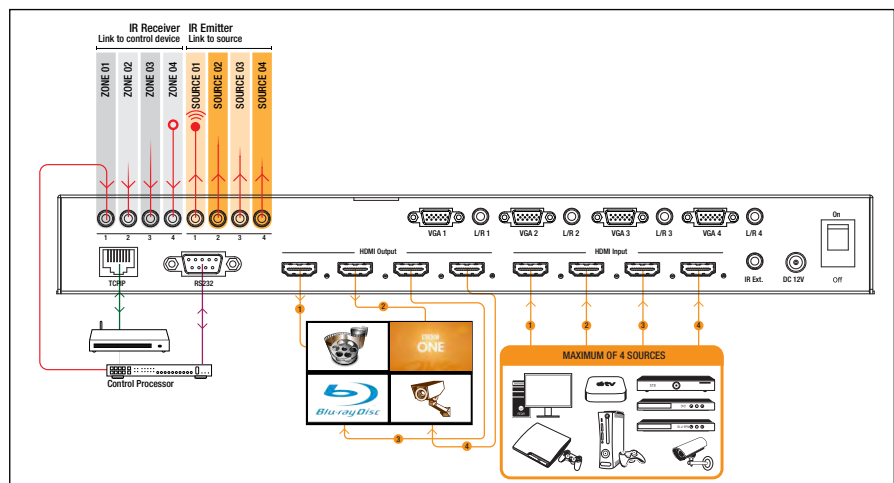


4 x 1

VIDEO WALL MODE:



4 X 4 VIDEO MATRIX MODE:



Multi-Source Multi-Zone Controller/Amplifier

ORDER NO. S1616A INTERNATIONAL VERSION: S1616A-240



The ELAN S1616A amplifier/controller – a new class of multi-zone, multi-source capability. Built upon the foundation of ELAN’s legendary D16 digital power amplifier, the S1616A offers unprecedented flexibility and value.

The S1616A is available in two configurations – Single Chassis and Dual Chassis. In Single Chassis mode the S1616A supports 8 stereo or 16 mono inputs, or combinations thereof. Output options for Single Chassis provide for connection of up to 256 speakers in virtually any configuration. Dual Chassis configurations support 16 stereo inputs and up to 128 pairs of outputs. Both configurations support up to 64 unique zones. As a multi-zone/multi-source amplified controller it has no equal.

The S1616A is your go-to choice for superior music performance. Rated at 50 watts per channel into 8 ohms and 75 watts per channel into 4 ohms, the S1616A has the capacity to drive your speakers to high output levels with clear beautiful sound. Coupled with a wide variation in input and output configuration, the S1616A is perfectly suited for both residential and commercial projects.

The S1616A includes user enhancements to make operating the music system in any environment a real joy. In addition to Whole House Music, which allows the entire system to listen to the same source, it introduces Zone Grouping and House Scenes. Zone Grouping allows common areas, like the master suite or a dining area, to be easily joined. House Scenes memorize the status and settings for all zones (at the end users direction) and allow them to be recalled with the press of a single button. For the end user, especially one in a large project, using the S1616A is simple and convenient.

The S1616A provides an abundance of controls to tailor the sound perfectly to each zone’s unique acoustic environment. Bass, treble and loudness are available per zone. Each output may be

configured as left, right or summed mono. Each output also features high and low pass filtering, allowing high performance sub/sat speaker arrangements without additional electronics.

The S1616A is compatible with ELAN Intercom allowing house-wide paging and door chime announcement. The advanced ELAN programming and operating environment make the S1616A easy to configure and easy to use. While other systems require complex programming, ELAN requires only minutes.

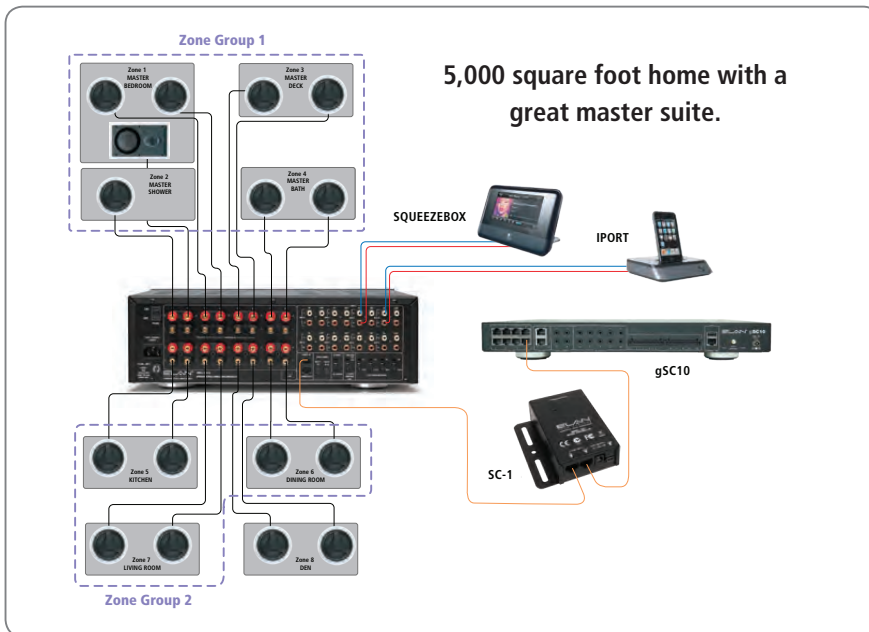
In Multi-Zone or Amplifier Mode, the S1616A is a powerful option that provides you with configuration options like no other product. Learn more by downloading the S1616A Designer’s Guide.



S1616A Multi-Source Multi-Zone Controller/Amplifier



ORDER NO. S1616A, INTERNATIONAL VERSION: S1616A-240



SINGLE CHASSIS MODE

STEREO INPUTS	MONO INPUTS
8	0
7	2
6	4
5	6
4	8
3	10
2	12
1	14
0	16

FEATURES

- Sources: Single Chassis – 8 stereo or 16 mono.
Dual Chassis – 16 stereo
- Zones: Up to 64 unique zones
- Outputs: 16 expandable to 256
50w @ 8Ω, 75w @ 4Ω
- Outputs configurable as Left, Right, or Mono
- Crossover High and Low per output
- Individual Bass, Treble and Loudness per zone
- Level matching per output
- Level matching per input
- WHM, 8 Groups and 3 House Scenes
- Rack Mounting with included rack brackets
- ACET™ Automatic Clip Eliminator
- ELAN Required – Multi-Source/Multi-Zone works only with Home Controllers

*Amplifier Mode provides 16 channels of multi-room power

SPECIFICATIONS

Input/Output	
Source Inputs	Single Chassis – 8 stereo or 16 mono or combinations thereof Dual Chassis – 16 stereo
Zones	64 zones maximum
Outputs	Single Chassis Mode – 16 independently assignable to zones by left, right or mono Dual Chassis Mode – 16 stereo assignable to zones
Triggers	Music Sensing status available through Event Mapper on all inputs
Audio	
Output Power RMS	75WPC @ 4 Ohms, 50WPC @ 8 Ohms all channels driven
Frequency Response	20Hz to 20kHz +/- 1.5 dB at 8 Ohms
Full Power Bandwidth	10Hz to 25kHz
Signal to Noise	> 102 dB (A weighted)
Channel Separation	> -70dB (channel to channel @ 1kHz)
Total Harmonic Distortion	< 0.04%
Inter-modulation Distortion	< 0.1%
Input Impedance	49k Ohms

POWER

AC Power Requirements	110 V, 50-60 Hz – 1300W
Current Draw	12A @ 120 VAC
Standby Power Mode	21W

CONNECTORS

Input/Loop Output	RCA Stereo
Speaker Output	Gold Plated 5-Way Binding Post

GENERAL

Dimensions w/ Feet (3U w/o Feet)	(in.) 17 W x 5-7/8 H x 17 D (mm) 432 W x 149 H x 432D
Product Weight	47.6 lbs / 21.6 kg
Shipping Weight	54.0 lbs / 24.5 kg
Certification	TUV, FCC, RoHS

*NOTE: Please download the S1616A Amplifier Mode manual for standalone operation specifications and information.

S86A

Integrated Multi-Room A/V Controller

ORDER NO. S86A *Only Available in the US*



Also Available in 240VAC Version (Order No. S86A240)

The S86A is the amplified version of the S86P and features an integrated 12 x 30WPC power amplifier.

The S86A combines a high quality audio matrix switcher with a composite video switcher along with scalability to provide you with a versatile, feature rich multiroom entertainment system.

Eight audio/video inputs allow your clients to choose from all their favorite music and video

sources – CD, DVD, DVR, iPod®, Satellite Radio and more. Each source can be seen and heard, independently, in up to six zones. Any combination of up to four S86As and the S86P can be linked together to create 12-, 18- and 24-zone systems, providing you with complete flexibility to create the customized systems just right for your client's home.

Featuring discrete zone IR commands that allow any learning remote to control any zone, the

S86A also incorporates many more powerful features such as bass, treble, loudness EQ and programmable turn-on levels for each zone, whole-house music, and A/V source-sensing for system feedback at touch panels; all at a price that defies common industry trends.

The S86A is fully compatible with g! and also features a full set of IR and serial codes that allow for interface with standalone installations.

FEATURES

- 6-zone multi-room A/V controller
- 8 audio source inputs
- 8 composite video source inputs
- Integrated 12 x 40 WPC power amplifier
- Compatible with all ELAN user interfaces
- Loss-free composite video distribution up to 300 ft.
- Buffered audio & video loop outputs
- Selectable variable/fixed preamp outputs
- Discrete zone IR commands
- Audio / Video status sensing
- Programmable turn-on levels for each zone
- Bass, treble, loudness & balance for each zone
- Programmable zone trigger outputs
- Sense inputs (6)
- 8-Source-specific IR output ports, plus "All" port
- Front panel USB download port
- Expandable to 12, 18 or 24 zones with any combination of S86A & S86P
- Optional Rack-mount Kit (RMK3)



DT22

Dual AM/FM Sirius-ready Tuner

ORDER NO. DT22 Only Available in the US



The DT22 is a Sirius-ready, dual AM/FM tuner that lets your clients enjoy independent radio station listening in different rooms throughout the house.

Built in to the DT22 are two high quality AM / FM tuners. Additionally, the DT22 features inputs for the quick and easy connection of two Sirius Satellite Radio Modules.

Dedicated outputs for the AM / FM tuners plus two dedicated Sirius outputs means that your clients can listen to up to four different streams of radio throughout their home from a single DT22. If they want even more, two DT22s can be linked for up to eight independent audio outputs.

The DT22 has a front panel IR receiver and comes with a full function handheld remote. There are also rear panel control ports for IR, serial and Ethernet control. In an ELAN multi-room system, 2-way feedback, including station call letters, frequency, genre, song name and artist, can be viewed on any ELAN Touch Panel. * The DT22 also decodes and displays data from the Radio Broadcast Data System (RBDS) in the US, enhancing the user experience even further.

Setup of the DT22 is easy and intuitive through front panel buttons and a graphical LCD. Installers are guided through the setup process for everything, including Network and Ethernet

settings. There's even a diagnostics screen that provides AM/FM signal strength and Sirius signal detection status.

Users can easily program their own favorite station presets as they, too, are guided through this process for each tuner.

***Displayable data varies depending on source, i.e. standard AM/FM, RBDS, or Sirius radio.**

FEATURES

- Built-in dual AM / FM tuners
- Sirius-ready for two plug-in modules
- Four sets of independent outputs for multi-room listening
- IR-, Ethernet- & Serial-controllable
- View radio station & "Now Playing" information on ELAN user interfaces
- Easy setup & diagnostics w / front panel buttons & graphical LCD
- Displays all RBDS data
- Preset or direct numeric access
- 396 presets per tuner
- IR remote control (included)
- Link 2 DT22s to provide up to 8 tuners (4 AM / FM, 4 Sirius)
- Sirius Parental Control menu
- ELAN SmartSource with built-in RS-232 serial driver

SPECIFICATIONS

Control Ports

IR In / Out	(2) 3.5mm jacks
VIA!Net In / Out	(2) RJ-45
RS-232	(1) Female DB9 (DCE)

Audio: FM

Tuning Frequencies	76 ~ 108MHz
Frequency Response	300Hz to 15kHz (+0/-3dB)
SNR	63dB (Mono) / 58dB (Stereo)

Audio: AM

Tuning Frequencies	.520 ~ 1710kHz
SNR	56dB

Audio: SIRIUS

Frequency Response	20Hz to 20kHz (+/-0.5dB)
SNR	80dB
THD	0.01%

Ethernet	(1) RJ-45
Sirius Module Ports	(2) 8 pin DIN
Analog Audio Outputs	(4 pr.) RCA Stereo (1 pr. per AM / FM / 1 pr. Per Sirius module)
Digital Audio Output	(2) Optical TOSLink (1) per AM / FM tuner
Antenna Inputs	(1) Coax FM Antenna Input (1) AM Antenna Input – Push Terminals
Power requirements	120VAC, 35W
Dimensions	(in.) 17 W x 3-1/2 H x 14 D (mm) 432 W x 89 H x 356 D
Weight	13.6 lbs/6 kg
Certifications	cTUVus, FCC Part15



DT11

Dual AM/FM Sirius-ready Tuner

ORDER NO. DT11 Only Available in the US



The DT11 is a Sirius-ready, AM/FM tuner that lets your clients enjoy independent radio station listening in different rooms throughout the house.

Built in to the DT11 is a high-quality AM/FM tuner. Additionally,

the DT11 features an input for the quick and easy connection of a Sirius Satellite Radio Module.

A dedicated output for the AM / FM tuner plus a dedicated Sirius output means that your clients can listen to up to two different streams of radio throughout their home from a single DT11.

The DT11 has a front panel IR receiver and comes with a full function handheld remote. There are also rear panel control ports for IR, serial and Ethernet control. In an ELAN multi-room system, 2-way feedback, including station call letters, frequency, genre, song name and artist, can be viewed on any ELAN Touch Panel.* The DT11 also decodes and displays data from the Radio Broadcast Data System (RBDS).

Setup of the DT11 is easy and intuitive through front panel buttons and a graphical LCD. Installers are guided through the setup process for everything, including Network and Ethernet settings. There's even a diagnostics screen that

provides AM/FM signal strength and Sirius signal detection status.

Users can easily program their own favorite station presets as they, too, are guided through this process for each tuner.

*Displayable data varies depending on source, i.e. standard AM/FM, RBDS, or Sirius radio.

FEATURES

- Built-in single AM/FM tuner
- Sirius-ready for a plug-in module
- Four sets of independent outputs for multi-room listening
- IR-, Ethernet- & Serial-controllable
- View radio station & "Now Playing" information on ELAN user interfaces
- Easy setup & diagnostics w / front panel buttons & graphical LCD
- Displays all RBDS data
- Preset or direct numeric access
- 396 presets per tuner
- IR remote control (included)
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NEW!

Surveillance

Keeping Watch

Full line of IP cameras and NVRs

Easy set-up with ELAN Discovery

Exclusive record and playback within the ELAN UI

Advanced built-in analytics



Network Video Recorder



EL-NVR-8TB



**AUTO
DISCOVER
CONFIGURE**

The ELAN NVR features one-click camera setup with ELAN Discovery.



Powerful and intuitive view, search and analysis tools in the ELAN NVR interface.



Full control within the ELAN UI – seamless control system integration that rises above the competition.

**AUTO
DISCOVER
CONFIGURE**

**16
CHANNELS**

1U

5MP

**480
FPS**

8TB

4TB

2TB

1TB

The Heart of Every Surveillance Installation.

At the heart of ELAN Surveillance is the ELAN Network Video Recorder, available in 1, 2, 4 and 8TB configurations. Paired with ELAN cameras, you can offer customers comprehensive surveillance solutions that excel in every application.

Full Control Within the ELAN UI

ELAN Surveillance delivers a seamless control system integration that rises above the competition. With full control of both the NVR and cameras from a single user interface, your customer no longer needs to switch between the ELAN control app and their surveillance app. No other surveillance systems can match this level of control integration.

Timeline and Event Based Recording and Playback

ELAN Surveillance places security camera recording and playback directly into the ELAN 8 interface. Just select a camera in the ELAN UI

and tap on the NVR button to see its recorded stream. Motion event tick marks enable quick navigation in the *timeline view*, and also in the *new event view*, which makes it simple to jump between motion events in an easy-to-read list.

ELAN Discovery

Like all ELAN Surveillance products, the EL-NVR is enabled with ELAN Discovery. In the Configurator, ELAN Discovery scans your network, both wired and wireless, automatically discovering the SSIDs of available devices. With a click, surveillance cameras are configured and installed in the ELAN system. We've eliminated the need to use a secondary application to setup the device outside of ELAN—saving you substantial time on every surveillance installation.

The EL-NVR has the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on.



Pre-installed Western Digital® Purple™ surveillance hard drives. Available configurations of 1TB, 2TB, 4TB and 8TB.



1U Rack Mountable with ELAN ID. The NVR's sleek design matches the rest of your ELAN gear.



Dual LAN ports provide double the security if one of your ISPs go down.

EL-NVR Network Video Recorder

ORDER NUMBERS: [EL-NVR-1TB](#) | [EL-NVR-2TB](#) | [EL-NVR-4TB](#) | [EL-NVR-8TB](#)

FEATURES

- One Click setup with ELAN Discovery (Auto Discover/Auto Configure)
- Record and playback on ELAN UI (Exclusive)
- 1U Rack mountable unit with ELAN aesthetics
- Up to 16TB internal storage supported
- Advanced Built-in Motion Analytics
- Remote access from anywhere in the world with ELAN app
- Dual LAN ports for failure redundancy
- 16 Channel H.264 network camera Input
- Up to 5 MP H.264 network camera support
- Up to 1080p 60 FPS network camera support
- Up to 16TB external e-SATA storage supported
- HDMI/VGA main or spot monitor switch
- Network maximum input through up to 96Mbps

INCLUDED IN THE BOX:

- (1) NVR
- (1) Quick Start Guide
- (1) Power Supply
- (1) Power Cord
- (4) Rubber feet/screws
- (2) Rack ears/screws
- (4) Hard drive screws
- (1) Patch cable
- (1) Mouse
- (1) Remote (batteries included)



SPECIFICATIONS

Channels	Up to 16ch at 30 fps
Hard Drive Storage	1TB, 2TB, 4TB, 8TB
Internal HDDs	3 available bays; Max. 4 × 3.5" HDD
Resolution	CIF / VGA / D1 / 960H / 1M / 1.3M / 1080P / 3M / 5M
Maximum Frame Rate	480 FPS
Output	HDMI / VGA
Split Screen	1 / 4 / 8 / 9 / 13 / 16, sequence mode, freeze
Digital Zoom	Up to 64X on live and playback

RECORDING

Max. Network Throughput	96Mbps
Resolution	CIF ~ 5M
Frame Rate	Single channel up to 1080P 60 FPS
Mode	Manual, schedule (continue, event, none)
Schedule	Each channel 7 day × 24 hours time table, recording mode configurable
Event	Motion grid (20×12, multi-level sensitivities) / network camera event / DI
Alarm Notification	Alarm notification iOS/android /E-Mail / FTP / buzzer / DO

PLAYBACK

Search	Alarm event / Operation event / System event / Meta data event / Time search
Display	16CH synchronous playback
Max. Division Display	480 FPS
Resolution	CIF ~ 5M
Max. Frame Rate	Up to 1080P 60FPS
Speed	Fast rewind 2×~64× / Fast forward 2×~64× / Step Forward / Slow motion 1/2 ~ 1/16



IP Indoor Fixed Lens Dome Cameras with IR



EL-IP-IDF4-WH

EL-IP-IDF2-WH

AUTO DISCOVER CONFIGURE
INDOOR
DOME
FIXED
4MP
2MP

Intelligent Indoor Monitoring.

The ELAN EL-IP-IDF2 and EL-IP-IDF4 dome cameras are perfect for indoor applications in which a wide area such as a large foyer or living room needs monitoring and a visually unobtrusive camera is preferable.

The ceiling-mounted ELAN EL-IP-IDF2 and EL-IP-IDF4 provide high resolution video, Lens Distortion Correction, 3D Digital Noise Reduction, flexible mounting options and a seamless and clean aesthetic compared to bullet or turret cameras.

ELAN Discovery

Like all ELAN Surveillance products, the ELAN EL-IP-IDF2 and EL-IP-IDF4 are embedded with the ELAN beacon, making them effortless to install in an ELAN system. In the Configurator, ELAN Discovery scans your network, both wired and wireless, automatically discovering the SSIDs of

available devices. With a click, the camera is configured and installed in the ELAN system. We've eliminated the need to use a secondary application to setup the device outside of ELAN—saving you substantial time on every surveillance installation.

The ELAN EL-IP-IDF2 and EL-IP-IDF4 cameras have the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on.

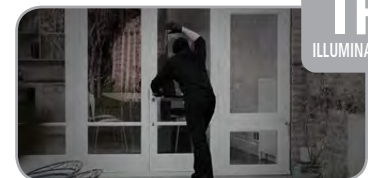
Comprehensive Surveillance

ELAN Surveillance cameras work seamlessly with the ELAN Network Video Recorder (EL-NVR Series), to create a surveillance ecosystem that excels in every application.



AUTO DISCOVER CONFIGURE

ELAN surveillance cameras feature one-click camera setup with ELAN Discovery.



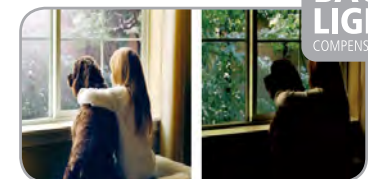
IR ILLUMINATION

Illumination from Infrared (IR) LEDs enables night vision up to 30 meters.



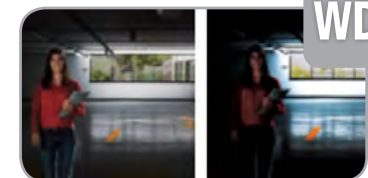
BUILT-IN MOTION DETECTION

Motion in front of the camera will be detected and saved as an event.



BACK LIGHT COMPENSATION

Back Light Compensation adjusts the exposure of the image to properly expose the subject of interest.



WDR

Wide Dynamic Range improves image quality by balancing dark and light areas in an image.

EL-IP-IDF2 | EL-IP-IDF4 IP Indoor Fixed Lens Dome Cameras with IR



ORDER NOS. EL-IP-IDF2-WH | EL-IP-IDF4-WH



FEATURES

- Auto-Discover/Auto-Configure
- 4 Megapixel or 2 Megapixel
- High Dynamic Range (HDR)
- 30m IR Distance
- 4mm Fixed Lens
- Lens Distortion Correction
- Advanced Built-in Motion Analytics
- Micro SD Card Slot
- Alarm In/Out
- 2-Way Audio Support
- Automatic Gain Control (AGC)
- Operating Temperature: -13°F – 122°F
- Max Frame Rate: 20FPS @ 2688x1520
- 3D Digital Noise Reduction
- 2D Wide Dynamic Range
- Power Over Ethernet (PoE)

INCLUDED IN THE BOX:

- (1) Camera
- (1) Quick Installation Guide
- (1) Mounting Template
- (3) Mounting Hardware
- (1) Allen Wrench
- (2) Alarm/Audio Jumper Cable

SPECIFICATIONS	
Power Consumption	DC 12V, 4.57W / PoE, 5.8W (IEEE 802.3af)
Dimensions	4.3" x 3.5"
Weight	12.9 oz.
Operating Temperature	-13°F – +122°F (-25°C – +50°C)
Angle of View	EL-IP-IDF2: 90°(H), 45°(V), 107°(D) EL-IP-IDF4: 84°(H), 44°(V), 100°(D)
IR Range	30m
Alarm Event Triggers	Motion/Tamper/Network lost detection
Alarm Event Actions	FTP, SMTP, HTTP post, SD card, SAMBA
SD Card Recording	Support Micro SD/SDHC/SDXC (up to 128GB) card for circular recording (card is not included)
CPU Memory	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB flash memory
Intelligent Video Surveillance	Advanced motion detection, Tripwire detection, Semaphore + Tripwire detection, Object counting
Certifications	CE: Class B, FCC: Class B

VIDEO	
Video compression	Smart H.264/ H.264 High/Main Profile, Motion JPEG
Maximum Frame Rate	H.264 and MJPEG: 30 FPS@1920 x 1080, 20 FPS@2688 x 1520
Day/Night (IR-cut filter)	Color (Day), Monochrome (Night), Auto, Schedule
Scanning system	Progressive scan
Back Light Compensation	On / Off
2D WDR	Off / Auto / x2 / x3 / x4
High Dynamic Range (HDR)	Up to 100dB
3D Noise Reduction	Off / 1 to 32 selectable
Privacy Masking	Off / On (4 independent areas)
Sense Up	Off / 1 frame / 2 frames
Sense Up+	Yes
Auto Gain Control	42 dB variable gain
Other Functions	Sharpness, Hue, Image flip, Image mirror
Lens Distortion Correction (LDC)	Yes

NETWORK	
Ethernet	10Base-T / 100Base-TX, RJ-45
Connectivity	ONVIF Profile S
On-Screen Display (OSD)	Text over date, time, and camera name
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
Multi IP Addresses	Yes

IP Outdoor Fixed Lens Dome Cameras with IR



EL-IP-ODF4-WH

EL-IP-ODF2-WH

- 
- 
- 
- 
- 
- 

Flexible Outdoor Surveillance.

The ELAN EL-IP-ODF2 and EL-IP-ODF4 dome surveillance cameras are the perfect solution when a weather resistant camera is needed to survey a wide area such as a large front porch, backyard or driveway, and a visually unobtrusive camera is desired.

The relatively inconspicuous dome form factor of the ELAN EL-IP-ODF2 and EL-IP-ODF4 is effective in places where it is preferable that people do not necessarily know that they may be observed.

The ELAN EL-IP-ODF2 and EL-IP-ODF4 dome cameras are IP66 weather resistant and flexible in terms of placement, able to be mounted on ceilings, soffits, or under eaves. They are quick and easy to install.

ELAN Discovery

Like all ELAN Surveillance products, the ELAN EL-IP-ODF2 and EL-IP-ODF4 are embedded with

the ELAN beacon, making them effortless to install in an ELAN system. In the Configurator, ELAN Discovery scans your network, both wired and wireless, automatically discovering the SSIDs of available devices. With a click, the camera is configured and installed in the ELAN system. We've eliminated the need to use a secondary application to setup the device outside of ELAN, saving you substantial time on every surveillance installation.

The ELAN EL-IP-ODF2 and EL-IP-ODF4 cameras have the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on.

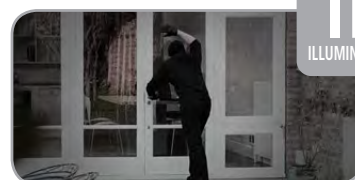
Comprehensive Surveillance

ELAN Surveillance cameras work seamlessly with the ELAN Network Video Recorder (EL-NVR Series) to create a surveillance ecosystem that excels in every application.



**AUTO
DISCOVER
CONFIGURE**

ELAN surveillance cameras feature one-click camera setup with ELAN Discovery.



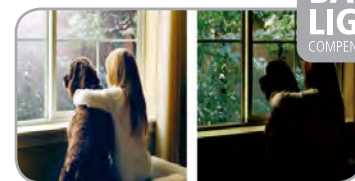
**IR
ILLUMINATION**

Infrared (IR) LEDs for IR illumination to provide night vision up to 30 meters.



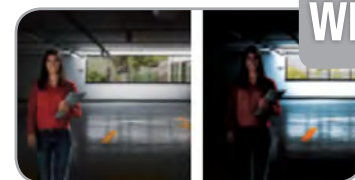
**BUILT-IN
MOTION
DETECTION**

Motion in front of the camera will be detected and saved as an event.



**BACK
LIGHT
COMPENSATION**

Back Light Compensation adjusts the exposure of the image to properly expose the subject of interest.



WDR

Wide Dynamic Range improves image quality by balancing dark and light areas in an image.

EL-IP-ODF2 | EL-IP-ODF4 IP Indoor/Outdoor Fixed Lens Dome Cameras with IR



ORDER NOS. EL-IP-ODF2-WH | EL-IP-ODF4-WH



FEATURES

- Auto-Discover/Auto-Configure
- 4 Megapixel or 2 Megapixel
- High Dynamic Range (HDR)
- 30m IR Distance
- 4mm Fixed Lens
- Lens Distortion Correction
- Advanced Built-in Motion Analytics
- Micro SD Card Slot
- Alarm In/Out
- 2-Way Audio Support
- Automatic Gain Control (AGC)
- Operating Temperature: -13°F – 122°F
- Max Frame Rate: 20FPS @2688x1520
- 3D Digital Noise Reduction
- 2D Wide Dynamic Range
- Power Over Ethernet (PoE)

INCLUDED IN THE BOX:

- (1) Camera
- (1) Quick Installation Guide
- (1) Mounting Template
- (3) Mounting Hardware
- (1) Allen Wrench
- (2) Phoenix Connectors

SPECIFICATIONS	
Power Consumption	DC12V, 4.7W / PoE, 5.8W (IEEE 802.3af)
Dimensions	4.3" x 3.5"
Weight	18.3 Oz.
Operating Temperature	-40°F – +122°F (-40°C – +50°C)
Angle of View	EL-IP-ODF2: 90°(H), 45°(V), 107°(D) EL-IP-ODF4: 84°(H), 44°(V), 100°(D)
IR Range	30m
Alarm Event Triggers	Motion/Tamper/Network lost detection
Alarm Event Actions	FTP, SMTP, HTTP post, SD card, SAMBA
SD Card Recording	Support Micro SD/SDHC/SDXC (up to 128GB) card for circular recording (card is not included)
CPU Memory	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB flash memory
Intelligent Video Surveillance	Advanced motion detection, Tripwire detection, Semaphore + Tripwire detection, Object counting
Certifications	CE: Class B, FCC: Class B, IP66 Weather Resistant

VIDEO	
Video compression	Smart H.264/ H.264 High/Main Profile, Motion JPEG
Maximum Frame Rate	H.264 and MJPEG: 30 FPS@1920 x1080, 20 FPS@2688 x 1520
Day/Night (IR-cut filter)	Color (Day), Monochrome (Night), Auto, Schedule
Scanning system	Progressive scan
Back Light Compensation	On / Off
2D WDR	Off / Auto / x2 / x3 / x4
High Dynamic Range (HDR)	Up to 100dB
3D Noise Reduction	Off / 1 to 32 selectable
Privacy Masking	Off / On (4 independent areas)
Sense Up	Off / 1 frame / 2 frames
Sense Up+	Yes
Auto Gain Control	42 dB variable gain
Other Functions	Sharpness, Hue, Image flip, Image mirror
Lens Distortion Correction (LDC)	Yes

NETWORK	
Ethernet	10Base-T / 100Base-TX, RJ-45
Connectivity	ONVIF Profile S
On-Screen Display (OSD)	Text over date, time, and camera name
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
Multi IP Addresses	Yes



IP Indoor Varifocal Lens Dome Cameras with IR



EL-IP-IDV4-WH

EL-IP-IDV2-WH

- AUTO DISCOVER CONFIGURE**
- INDOOR**
- DOME**
- VARIFOCAL**
- 4MP**
- 2MP**

Adaptable Indoor Monitoring.

The ELAN EL-IP-IDV2 and EL-IP-IDV4 dome cameras are great for indoor applications in which a wide area such as a large foyer or living room needs monitoring and a single camera that provides a wide viewing area is preferred. Because of the power of their varifocal lens, ELAN EL-IP-IDV2 and EL-IP-IDV4 also excel in scenarios where an entrance needs coverage, but no nearby mounting option is possible.

The ceiling-mounted ELAN EL-IP-IDV2 and EL-IP-IDV4 provide high resolution video, Lens Distortion Correction, 3D Digital Noise Reduction, flexible mounting options and a seamless and clean aesthetic compared to bullet or turret cameras.

ELAN Discovery

Like all ELAN Surveillance products, the ELAN EL-IP-IDV2 and EL-IP-IDV4 are embedded with the ELAN beacon, making them effortless to install

in an ELAN system. In the Configurator, ELAN Discovery scans your network, both wired and wireless, automatically discovering the SSIDs of available devices. With a click, the camera is configured and installed in the ELAN system. We've eliminated the need to use a secondary application to setup the device outside of ELAN—saving you substantial time on every surveillance installation.

The ELAN EL-IP-IDV2 and EL-IP-IDV4 cameras have the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on.

Comprehensive Surveillance

ELAN Surveillance cameras work seamlessly with the ELAN Network Video Recorder (EL-NVR Series) to create a surveillance ecosystem that excels in every application.



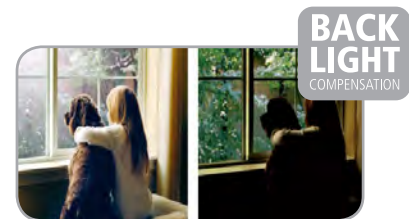
ELAN surveillance cameras feature one-click camera setup with ELAN Discovery.



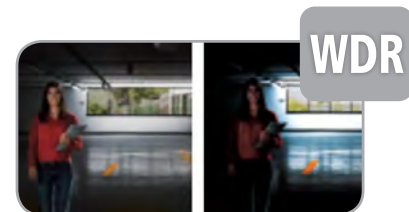
Illumination from Infrared (IR) LEDs enables night vision up to 30 meters.



Motion in front of the camera will be detected and saved as an event.



Back Light Compensation adjusts the exposure of the image to properly expose the subject of interest.



Wide Dynamic Range improves image quality by balancing dark and light areas in an image.

EL-IP-IDV2 | EL-IP-IDV4 IP Indoor Varifocal Lens Dome Cameras with IR



ORDER NOS. EL-IP-IDV2-WH | EL-IP-IDV4-WH



FEATURES

- Auto-Discover/Auto-Configure
- 4 Megapixel or 2 Megapixel
- High Dynamic Range (HDR)
- 30m IR Distance
- 2.8mm-12mm Varifocal Lens
- Lens Distortion Correction
- Advanced Built-in Motion Analytics
- Micro SD Card Slot
- Alarm In/Out
- 2-Way Audio Support
- Automatic Gain Control (AGC)
- Operating Temperature: -13°F – 122°F
- Max Frame Rate: 20FPS @ 2688x1520
- 3D Digital Noise Reduction
- 2D Wide Dynamic Range
- Power Over Ethernet (PoE)

INCLUDED IN THE BOX:

- (1) Camera
- (1) Quick Installation Guide
- (1) Mounting Template
- (3) Mounting Hardware
- (1) Allen Wrench
- (2) Alarm/Audio Jumper Cable

SPECIFICATIONS	
Power Consumption	DC12V, 5.6W / PoE, 7.2W (IEEE 802.3af)
Dimensions	4.7" x 4.5"
Weight	25.4 oz
Operating Temperature	-13°F – +122°F (-25°C – +50°C)
Angle of View	EL-IP-IDV2: 102°–34°(H), 54°–20°(V), 122°–39°(D) EL-IP-IDV4: 95°–33°(H), 51°–18°(V), 109°–38°(D)
IR Range	30m
Alarm Event Triggers	Motion/Tamper/Network lost detection
Alarm Event Actions	FTP, SMTP, HTTP post, SD card, SAMBA
SD Card Recording	Support Micro SD/SDHC/SDXC (up to 128GB) card for circular recording (card is not included)
CPU Memory	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB flash memory
Intelligent Video Surveillance	Advanced motion detection, Tripwire detection, Semaphore + Tripwire detection, Object counting
Certifications	CE: Class B, FCC: Class B

VIDEO	
Video compression	Smart H.264/ H.264 High/Main Profile, Motion JPEG
Maximum Frame Rate	H.264 and MJPEG: 30 FPS@1920 x 1080, 20 FPS@2688 x 1520
Day/Night (IR-cut filter)	Color (Day), Monochrome (Night), Auto, Schedule
Scanning system	Progressive scan
Back Light Compensation	On / Off
2D WDR	Off / Auto / x2 / x3 / x4
High Dynamic Range (HDR)	Up to 100dB
3D Noise Reduction	Off / 1 to 32 selectable
Privacy Masking	Off / On (4 independent areas)
Sense Up	Off / 1 frame / 2 frames
Sense Up+	Yes
Auto Gain Control	42 dB variable gain
Other Functions	Sharpness, Hue, Image flip, Image mirror
Lens Distortion Correction (LDC)	Yes

NETWORK	
Ethernet	10Base-T / 100Base-TX, RJ-45
Connectivity	ONVIF Profile S
On-Screen Display (OSD)	Text over date, time, and camera name
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
Multi IP Addresses	Yes

IP Outdoor Varifocal Lens Dome Cameras with IR



EL-IP-ODV2-BK

EL-IP-ODV4-WH

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Adaptable Coverage for Any Install.

The ELAN EL-IP-ODV4 and EL-IP-ODV2 dome cameras are perfect for outdoor or indoor applications in which the ability to watch a wide area and the focusing power of a varifocal lens is needed. The EL-IP-ODV4 and EL-IP-ODV2 can cover a large backyard deck as well as a gate that's 50 feet away.

The ceiling-mounted ELAN EL-IP-ODV4 and EL-IP-ODV2 provide high resolution video, Lens Distortion Correction, 3D Digital Noise Reduction, a seamless and clean aesthetic compared to bullet or turret cameras and are tamper resistant.

ELAN Discovery

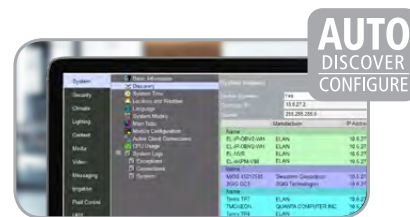
Like all ELAN Surveillance products, the ELAN EL-IP-ODV2 and EL-IP-ODV4 are embedded with the ELAN beacon, making them effortless to install in an ELAN system. In the Configurator, ELAN

Discovery scans your network, both wired and wireless, automatically discovering the SSIDs of available devices. With a click, the camera is configured and installed in the ELAN system. We've eliminated the need to use a secondary application to setup the device outside of ELAN—saving you substantial time on every surveillance installation.

The EL-IP-ODV4 and EL-IP-ODV2 cameras have the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on.

Comprehensive Surveillance

ELAN Surveillance cameras work seamlessly with the ELAN Network Video Recorder (EL-NVR Series) to create a surveillance ecosystem that excels in every application.



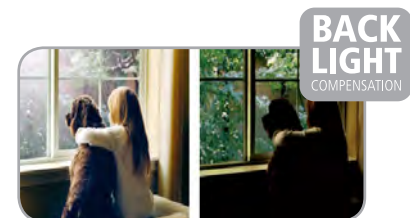
ELAN surveillance cameras feature one-click camera setup with ELAN Discovery.



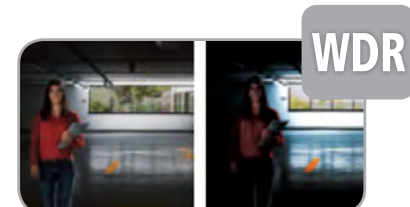
Illumination from Infrared (IR) LEDs enables night vision up to 30 meters.



Motion in front of the camera will be detected and saved as an event.



Back Light Compensation adjusts the exposure of the image to properly expose the subject of interest.



Wide Dynamic Range improves image quality by balancing dark and light areas in an image.

EL-IP-ODV2 | EL-IP-ODV4 IP Indoor/Outdoor Varifocal Lens Dome Cameras with IR



ORDER NOS. EL-IP-ODV2-BK | EL-IP-ODV2-WH | EL-IP-ODV4-WH



FEATURES

- Auto-Discover/Auto-Configure
- 4 Megapixel or 2 Megapixel
- High Dynamic Range (HDR)
- 30m IR Distance
- 2.8mm-12mm Varifocal Lens
- Lens Distortion Correction
- Advanced Built-in Motion Analytics
- Micro SD Card Slot
- Alarm In/Out
- 2-Way Audio Support
- Automatic Gain Control (AGC)
- Operating Temperature: -13°F – 122°F
- Max Frame Rate: 20FPS @2688x1520
- 3D Digital Noise Reduction
- 2D Wide Dynamic Range
- Power Over Ethernet (PoE)

INCLUDED IN THE BOX:

- (1) Camera
- (1) Quick Installation Guide
- (1) Mounting Template
- (3) Mounting Hardware
- (1) Allen Wrench
- (2) Phoenix Connectors

SPECIFICATIONS	
Power Consumption	DC12V, 5.6W / PoE, 7.2W (IEEE 802.3af)
Dimensions	4.7" x 4.5"
Weight	25.4 oz
Operating Temperature	-140°F – +122°F (-40°C – +50°C)
Angle of View	EL-IP-ODV2: 102°–34°(H), 54°–20°(V), 122°–39°(D) EL-IP-ODV4: 95°–33°(H), 51°–18°(V), 109°–38°(D)
IR Range	30m
Alarm Event Triggers	Motion/Tamper/Network lost detection
Alarm Event Actions	FTP, SMTP, HTTP post, SD card, SAMBA
SD Card Recording	Support Micro SD/SDHC/SDXC (up to 128GB) card for circular recording (card is not included)
CPU Memory	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB flash memory
Intelligent Video Surveillance	Advanced motion detection, Tripwire detection, Semaphore + Tripwire detection, Object counting
Certifications	CE: Class B, FCC: Class B, IP66 Weather Resistant

VIDEO	
Video compression	Smart H.264/ H.264 High/Main Profile, Motion JPEG
Maximum Frame Rate	H.264 and MJPEG: 30 FPS@1920 x1080, 20 FPS@2688 x 1520
Day/Night (IR-cut filter)	Color (Day), Monochrome (Night), Auto, Schedule
Scanning system	Progressive scan
Back Light Compensation	On / Off
2D WDR	Off / Auto / x2 / x3 / x4
High Dynamic Range (HDR)	Up to 100dB
3D Noise Reduction	Off / 1 to 32 selectable
Privacy Masking	Off / On (4 independent areas)
Sense Up	Off / 1 frame / 2 frames
Sense Up+	Yes
Auto Gain Control	42 dB variable gain
Other Functions	Sharpness, Hue, Image flip, Image mirror
Lens Distortion Correction (LDC)	Yes

NETWORK	
Ethernet	10Base-T / 100Base-TX, RJ-45
Connectivity	ONVIF Profile S
On-Screen Display (OSD)	Text over date, time, and camera name
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
Multi IP Addresses	Yes

IP Outdoor Varifocal Lens Bullet Cameras with IR



EL-IP-OBV4-WH

EL-IP-OBV2-BK

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Ideal for Outdoor Surveillance.

The ELAN EL-IP-OBV2 and EL-IP-OBV4 bullet cameras are the perfect solution when a weather resistant camera with the focusing power of a varifocal lens is needed survey a designated area such as a driveway, garage, front door, back door, stairway, hallway or entryway.

The relatively visible bullet form factor can have an effective deterrent effect in places where you want people to know that they can be seen.

The ELAN EL-IP-OBV2 and EL-IP-OBV4 bullet cameras are IP66 weather resistant and flexible in terms of placement, and can be mounted on walls, soffits, or under eaves. They are also quick and easy to install.

ELAN Discovery

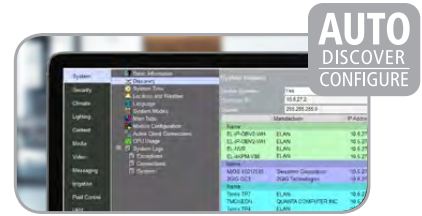
Like all other ELAN Surveillance products, the ELAN EL-IP-OBV2 and EL-IP-OBV4 are embedded with the ELAN beacon, making them effortless

to install in an ELAN system. In the Configurator, ELAN Discovery scans your network, both wired and wireless, automatically discovering the SSIDs of available devices. With a click, the camera is configured and installed in the ELAN system. We've eliminated the need to use a secondary application to setup the device outside of ELAN—saving you substantial time on every surveillance installation.

The ELAN EL-IP-OBV2 and EL-IP-OBV4 cameras have the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on.

Comprehensive Surveillance

ELAN Surveillance cameras work seamlessly with the ELAN Network Video Recorder (EL-NVR Series) to create a surveillance ecosystem that excels in every application.



ELAN surveillance cameras feature one-click camera setup with ELAN Discovery.



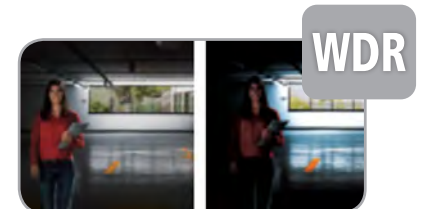
Illumination from Infrared (IR) LEDs enables night vision up to 30 meters.



Motion in front of the camera will be detected and saved as an event.



Back Light Compensation adjusts the exposure of the image to properly expose the subject of interest.



Wide Dynamic Range improves image quality by balancing dark and light areas in an image.

EL-IP-OBV2 | EL-IP-OBV4 IP Outdoor Varifocal Lens Bullet Cameras with IR



ORDER NOS. [EL-IP-OBV2-BK](#) | [EL-IP-OBV2-WH](#) | [EL-IP-OBV4-WH](#)



FEATURES

- Auto-Discover/Auto-Configure
- 4 Megapixel or 2 Megapixel
- High Dynamic Range (HDR)
- 30m IR Distance
- 2.8-12mm Varifocal Lens
- Advanced Built-in Motion Analytics
- IP66 Weather Resistant
- Micro SD Card Slot
- Automatic Gain Control (AGC)
- Operating Temperature: -40°F – 122°F
- Max Frame Rate: 30FPS @ 1920x1080
- 3D Digital Noise Reduction
- 2D Wide Dynamic Range
- Power Over Ethernet (PoE)

INCLUDED IN THE BOX:

- (1) Camera
- (1) Quick Installation Guide
- (1) Mounting Template
- (3) Mounting Hardware

SPECIFICATIONS	
Power Consumption	DC12V, 8.4W / PoE, 10W (IEEE 802.3af)
Dimensions	2.7" x 2.7" x 8.4"
Weight	17.3 oz
Operating Temperature	-40°F – +122°F (-40°C – +50°C)
Angle of View	EL-IP-OBV2: (H) 102°–34° (V) 54°–20° (D) 122°–39° EL-IP-OBV4: (H) 95°–33° (V) 51°–18° (D) 109°–38°
IR Range	30m
Alarm Event Triggers	Motion/Tamper/Network lost detection
Alarm Event Actions	FTP, SMTP, HTTP post, SD card, SAMBA
SD Card Recording	Support Micro SD/SDHC/SDXC (up to 128GB) card for circular recording (card is not included)
CPU Memory	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB flash memory
Intelligent Video Surveillance	Advanced motion detection, Tripwire detection, Semaphore + Tripwire detection, Object counting
Certifications	CE: Class B, FCC: Class B, IP66 Weather Resistant, Vandal Rating IK10

VIDEO	
Video compression	Smart H.264/ H.264 High/Main Profile, Motion JPEG
Maximum Frame Rate	H.264 and MJPEG: up to 30 FPS @ 1920 x 1080
Day/Night (IR-cut filter)	Color (Day), Monochrome (Night), Auto, Schedule
Scanning system	Progressive scan
Back Light Compensation	On / Off
2D WDR	Off / Auto / x2 / x3 / x4
High Dynamic Range (HDR)	Up to 100dB
3D Noise Reduction	Off / 1 to 32 selectable
Privacy Masking	Off / On (4 independent areas)
Sense Up	Off / 1 frame / 2 frames
Sense Up+	Yes
Auto Gain Control	42 dB variable gain
Other Functions	Sharpness, Hue, Image flip, Image mirror
Lens Distortion Correction (LDC)	Yes

NETWORK	
Ethernet	10Base-T / 100Base-TX, RJ-45
Connectivity	ONVIF Profile S
On-Screen Display (OSD)	Text over date, time, and camera name
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
Multi IP Addresses	Yes



IP Outdoor Fixed Lens Bullet Cameras with IR



EL-IP-OBF4-WH

EL-IP-OBF2-WH



The Right Tool for the Job.

The ELAN EL-IP-OBF2 and EL-IP-OBF4 bullet cameras are the perfect solution when a weather resistant camera is needed survey a designated area such as a driveway, garage, front door, back door, stairway, hallway or entryway.

The relatively visible bullet form factor can have an effective deterrent effect in places where you want people to know that they can be seen.

The ELAN EL-IP-OBF2 and EL-IP-OBF4 bullet cameras are IP66 weather resistant and flexible in terms of placement, and can be mounted on walls, soffits, or under eaves. They are also quick and easy to install.

ELAN Discovery

Like all other ELAN Surveillance products, the ELAN EL-IP-OBF2 and EL-IP-OBF4 are embedded with the ELAN beacon, making them effortless to install in an ELAN system. In the Configurator, ELAN

Discovery scans your network, both wired and wireless, automatically discovering the SSIDs of available devices. With a click, the camera is configured and installed in the ELAN system. We've eliminated the need to use a secondary application to setup the device outside of ELAN—saving you substantial time on every surveillance installation.

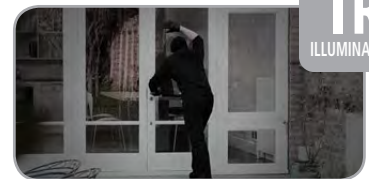
The ELAN EL-IP-OBF2 and EL-IP-OBF4 cameras have the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on.

Comprehensive Surveillance

ELAN Surveillance cameras work seamlessly with the ELAN Network Video Recorder (EL-NVR Series) to create a surveillance ecosystem that excels in every application.



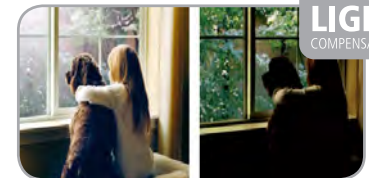
ELAN surveillance cameras feature one-click camera setup with ELAN Discovery.



Illumination from Infrared (IR) LEDs enables night vision up to 30 meters.



Motion in front of the camera will be detected and saved as an event.



Back Light Compensation adjusts the exposure of the image to properly expose the subject of interest.



Wide Dynamic Range improves image quality by balancing dark and light areas in an image.

EL-IP-OBF2 | EL-IP-OBF4 IP Outdoor Fixed Lens Bullet Cameras with IR



ORDER NOS. EL-IP-OBF2-WH | EL-IP-OBF4-WH



FEATURES

- Auto-Discover/Auto-Configure
- 4 Megapixel or 2 Megapixel
- High Dynamic Range (HDR)
- 30m IR Distance
- 4mm Fixed Lens
- Advanced Built-in Motion Analytics
- IP66 Weather Resistant
- Micro SD Card Slot
- Automatic Gain Control (AGC)
- Operating Temperature: -40°F – 122°F
- Max Frame Rate: 30FPS @ 1920x1080
- 3D Digital Noise Reduction
- 2D Wide Dynamic Range
- Power Over Ethernet (PoE)

INCLUDED IN THE BOX:

- (1) Camera
- (1) Quick Installation Guide
- (1) Mounting Template
- (3) Mounting Hardware

SPECIFICATIONS	
Power Consumption	DC 12V, 5.2W / PoE, 6.6W (IEEE 802.3af)
Dimensions	2.7" x 2.7" x 7.3"
Weight	15.9 oz
Operating Temperature	-40°F – +122°F (-40°C – +50°C)
Angle of View	EL-IP-OBF2: (H) 90° (V) 45° (D) 107° EL-IP-OBF4: (H) 84° (V) 44° (D) 100°
IR Range	30m
Alarm Event Triggers	Motion/Tamper/Network lost detection
Alarm Event Actions	FTP, SMTP, HTTP post, SD card, SAMBA
SD Card Recording	Support Micro SD/SDHC/SDXC (up to 128GB) card for circular recording (card is not included)
CPU Memory	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB flash memory
Intelligent Video Surveillance	Advanced motion detection, Tripwire detection, Semaphore + Tripwire detection, Object counting
Certifications	CE: Class B, FCC: Class B, IP66 Weather Resistant, Vandal Rating IK10

VIDEO	
Video compression	Smart H.264/ H.264 High/Main Profile, Motion JPEG
Maximum Frame Rate	H.264 and MJPEG: : up to 30 FPS @ 1920 x 1080
Day/Night (IR-cut filter)	Color (Day), Monochrome (Night), Auto, Schedule
Scanning system	Progressive scan
Back Light Compensation	On / Off
2D WDR	Off / Auto / x2 / x3 / x4
High Dynamic Range (HDR)	Up to 100dB
3D Noise Reduction	Off / 1 to 32 selectable
Privacy Masking	Off / On (4 independent areas)
Sense Up	Off / 1 frame / 2 frames
Sense Up+	Yes
Auto Gain Control	42 dB variable gain
Other Functions	Sharpness, Hue, Image flip, Image mirror
Lens Distortion Correction (LDC)	Yes

NETWORK	
Ethernet	10Base-T / 100Base-TX, RJ-45
Connectivity	ONVIF Profile S
On-Screen Display (OSD)	Text over date, time, and camera name
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
Multi IP Addresses	Yes

IP Outdoor Fixed Lens Stainless Steel Turret Camera with IR



EL-IP-OTF2-SS

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Rugged Performer.

The ELAN EL-IP-OTF2-SS performs in challenging environments in which standard cameras are not an option. With its stainless steel construction, IP66 Weather Resistance and SUS316 Corrosion Resistance ratings, the EL-IP-OTF2-SS is the right choice for beach house, watercraft or even industrial installations.

The turret form factor of the EL-IP-OTF2-SS delivers distortion-free video and superior IR images with no IR bounce.

The EL-IP-OTF2-SS turret camera is quick and easy to install, and has greater flexibility in terms of placement compared to dome cameras—it can be either ceiling mounted or wall mounted.

ELAN Discovery

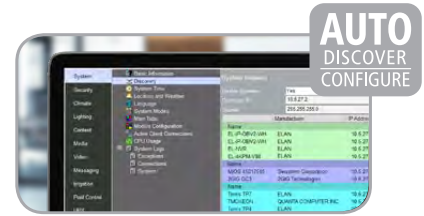
Like all other ELAN Surveillance products, the ELAN EL-IP-OTF2-SS is embedded with the ELAN beacon, making it effortless to install in an

ELAN system. In the Configurator, ELAN Discovery scans your network, both wired and wireless, automatically discovering the SSIDs of available devices. With a click, the camera is configured and installed in the ELAN system. We've eliminated the need to use a secondary application to setup the device outside of ELAN—saving you substantial time on every surveillance installation.

The EL-IP-OTF2-SS has the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on.

Comprehensive Surveillance

ELAN Surveillance cameras work seamlessly with the ELAN Network Video Recorder (EL-NVR Series) to create a surveillance ecosystem that excels in every application.



ELAN surveillance cameras feature one-click camera setup with ELAN Discovery.



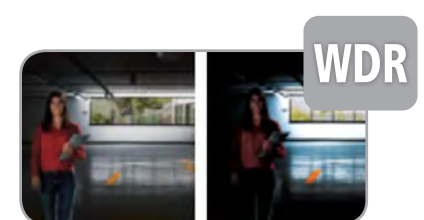
Illumination from Infrared (IR) LEDs enables night vision up to 16 meters.



Motion in front of the camera will be detected and saved as an event.



Back Light Compensation adjusts the exposure of the image to properly expose the subject of interest.



Wide Dynamic Range improves image quality by balancing dark and light areas in an image.

EL-IP-OTF2-SS IP Outdoor Fixed Lens Stainless Steel Turret Camera with IR



ORDER NO. EL-IP-OTF2-SS



FEATURES

- Auto-Discover/Auto-Configure
- 2 Megapixel
- High Dynamic Range (HDR)
- 16m IR Distance
- 4mm Fixed Lens
- Advanced Built-in Motion Analytics
- IP66 Weather Resistant
- SUS316 Corrosion Resistant
- Micro SD Card Slot
- Alarm In/Out
- 2-Way Audio Support
- Automatic Gain Control (AGC)
- Operating Temperature: -13°F – 122°F
- Max Frame Rate: 30FPS @ 1920x1080
- 3D Digital Noise Reduction
- 2D Wide Dynamic Range
- Power Over Ethernet (PoE)

INCLUDED IN THE BOX:

- (1) Camera
- (1) Quick Installation Guide
- (1) Mounting Template
- (3) Mounting Hardware
- (1) Allen Wrench

SPECIFICATIONS	
Power Consumption	DC12V, 7.5W / PoE, 8.5W (IEEE 802.3af)
Dimensions	2.6" x 2.3"
Weight	24.7 oz
Operating Temperature	-13°F – +122°F (-25°C – +50°C)
Angle of View	94°(H), 50°(V), 102°(D)
IR Range	16m
Alarm Event Triggers	Motion/Tamper/Network lost detection
Alarm Event Actions	FTP, SMTP, HTTP post, SD card, SAMBA
SD Card Recording	Support Micro SD/SDHC/SDXC (up to 128GB) card for circular recording (card is not included)
CPU Memory	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB flash memory
Certifications	CE: Class B, FCC: Class B, IP66 Weather Resistant, SUS316 Corrosion Resistant

VIDEO	
Video compression	Smart H.264/ H.264 High/Main Profile, Motion JPEG
Maximum Frame Rate	H.264 and MJPEG: : up to 30 FPS @ 1920 x 1080
Day/Night (IR-cut filter)	Color (Day), Monochrome (Night), Auto, Schedule
Scanning system	Progressive scan
Back Light Compensation	On / Off
2D WDR	Off / Auto / x2 / x3 / x4
3D Noise Reduction	Off / 1 to 32 selectable
Privacy Masking	Off / On (4 independent areas)
Sense Up	Off / 1 frame / 2 frames
Sense Up+	Yes
Auto Gain Control	42 dB variable gain
Other Functions	Sharpness, Hue, Image flip, Image mirror

NETWORK	
Ethernet	10Base-T / 100Base-TX, RJ-45
Connectivity	ONVIF Profile S
On-Screen Display (OSD)	Text over date, time, and camera name
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP, SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
Multi IP Addresses	Yes



IP Outdoor Fixed Lens Turret Cameras with IR



EL-IP-OTF2-WH

- AUTO DISCOVER CONFIGURE**
- TURRET**
- OUTDOOR/INDOOR**
- FIXED**
- 2MP**

High Performance Versatility.

The ELAN EL-IP-OTF2-WH is a versatile performer for installs requiring an outdoor/indoor camera that delivers crystal clear images, IP66 weather resistance, and superior IR captures in an elegant, attractive housing.

The EL-IP-OTF2-WH turret camera has a flat lens, independent IR sensor, for distortion-free images and superior IR capture with no IR bounce.

The EL-IP-OTF2-WH turret camera is quick and easy to install, and has great flexibility in terms of placement compared to dome cameras—it can be either ceiling mounted or wall mounted.

ELAN Discovery

Like all other ELAN Surveillance products, the ELAN EL-IP-OTF2-WH is embedded with the ELAN beacon, making it effortless to install in an ELAN system. In the Configurator,

ELAN Discovery scans your network, both wired and wireless, automatically discovering the SSIDs of available devices. With a click, the camera is configured and installed in the ELAN system.

We've eliminated the need to use a secondary application to setup the device outside of ELAN—saving you substantial time on every surveillance installation.

The EL-IP-OTF2-WH has the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on.

Comprehensive Surveillance

ELAN Surveillance cameras work seamlessly with the ELAN Network Video Recorder (EL-NVR Series) to create a surveillance ecosystem that excels in every application.



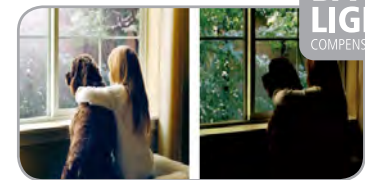
ELAN surveillance cameras feature one-click camera setup with ELAN Discovery.



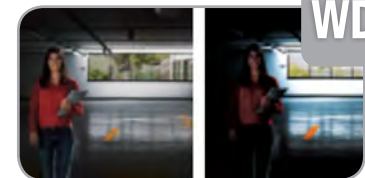
Illumination from Infrared (IR) LEDs enables night vision up to 30 meters.



Motion in front of the camera will be detected and saved as an event.



Back Light Compensation (BLC) adjusts the exposure of the image to properly expose the subject of interest.



Wide Dynamic Range improves image quality by balancing dark and light areas in an image.

EL-IP-OTF2 IP Outdoor Fixed Lens Turret Cameras with IR



ORDER NO. EL-IP-OTF2-WH | EL-IP-OTF2-BK



FEATURES

- Auto-Discover/Auto-Configure
- 2 Megapixel
- 30m IR Distance
- 4mm Fixed Lens
- Advanced Built-in Motion Analytics
- IP66 Weather Resistant
- Alarm In/Out
- 2-Way Audio Support
- Automatic Gain Control (AGC)
- Operating Temperature: -40°F – 122°F
- Max Frame Rate: 15FPS @ 1920x1080
- 3D Digital Noise Reduction
- 2D Wide Dynamic Range
- Power Over Ethernet (PoE)

INCLUDED IN THE BOX:

- (1) Camera
- (1) Quick Installation Guide
- (1) Mounting Template
- (3) Mounting Hardware
- (1) Allen Wrench

SPECIFICATIONS	
Power Consumption	DC12V - 5.8W / PoE - 7W (IEEE 802.3af)
Dimensions	4.5" x 3.6"
Weight	15.9 oz
Operating Temperature	-40°F – +122°F (-40°C – +50°C)
Angle of View	94°(H), 50°(V), 102°(D)
IR Range	30m
Alarm Event Triggers	Motion/Tamper/Network lost detection
Alarm Event Actions	FTP, SMTP, HTTP post, SD card, SAMBA
CPU Memory	Embedded SoC ARM Cortex-A9, 600MHz, 256MB DDR3, 256MB flash memory
Certifications	CE: Class B, FCC: Class B, IP66 Weather Resistant

VIDEO	
Video compression	Smart H.264/ H.264 High/Main Profile, Motion JPEG
Maximum Frame Rate	H.264 and MJPEG: up to 30 FPS @ 1920 x 1080
Day/Night (IR-cut filter)	Color (Day), Monochrome (Night), Auto, Schedule
Scanning system	Progressive scan
Back Light Compensation	On / Off
2D WDR	Off / Auto / x2 / x3 / x4
3D Noise Reduction	Off / 1 to 32 selectable
Privacy Masking	Off / On (4 independent areas)
Sense Up	Off / 1 frame / 2 frames
Sense Up+	Yes
Auto Gain Control	36 dB variable gain
Other Functions	Sharpness, Hue, Image flip, Image mirror

NETWORK	
Ethernet	10Base-T / 100Base-TX, RJ-45
Connectivity	ONVIF Profile S
On-Screen Display (OSD)	Text over date, time, and camera name
Protocols	IPv4, IPv6, TCP, UDP, HTTP, HTTPS, SMTP, MQTT, QoS, SNMP , SNMP Trap, NTP, DDNS, UPnP, FTP, ARP, DHCP, PPPoE, DNS, RTSP, RTCP, Telnet, ICMP, IGMP, ONVIF Profile S, SDDP, Bonjour
Multi IP Addresses	Yes



Speakers

Exceptional Entertainment

The new ELAN speakers help deliver exceptional entertainment experiences for systems of all sizes. This new line responds to direct requests from ELAN dealers for us to get back into speakers. And we've done so in a way that speaks to the sound signature you expect from ELAN.



EL-800-IC-6 | EL-800-IC-8 | EL-800-ICDVC-8

In-Ceiling Speakers

800 SERIES



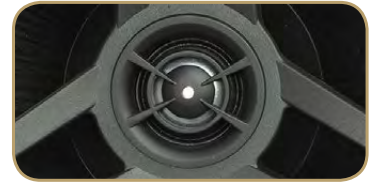
EL-800-IC-6



EL-800-IC-8



EL-800-ICDVC-8



Pivoting aluminum dome tweeter directs sound to the listening area.



Vocal and Tweeter enhancement switches easily adjust the dialog in movies or the high frequency performance.



Dimpled Baffle design eliminates annoying echoes and increases sound dispersion.



Easy-Grip tweeter bridge reduces the chance of damage during installation.



Spring-loaded binding posts ensure a secure, worry-free signal connection to the speaker.

Exceptional Clarity, Resolution and Dynamics.

Whether it's high-performance distributed audio or exceptional home theater performance, the ELAN 800 Series speakers are the perfect choice for discerning customers. Better clarity, resolution and dynamics are achieved via a graphite-injected polypropylene cone woofer and pivoting 1" aluminum dome tweeter. Front-mounted vocal and tweeter enhancement switches enable increased vocal clarity, enhanced dialogue and adjustment of post-installation tweeter performance.

Does your installation call for high performance stereo sound, but there is only space for a single speaker? The EL-800-ICDVC-8 is the solution.

The dual input/single stereo design delivers a complete experience from a single speaker without the need for a stereo pair. With top-shelf components including dual 1" aluminum tweeters and a graphite injected polypropylene cone woofer, this model is the perfect solution for high end audio where space is limited.

ELAN speakers have the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on. All models have a limited lifetime warranty and ELAN speakers are available exclusively to ELAN dealers, so you won't get shopped when planning your next installation.

EL-800-IC-6

EL-800-IC-8

EL-800-ICDVC-8

800 Series In-Ceiling Speakers

ORDER NO. EL-800-IC-6 | EL-800-IC-8 | EL-800-ICDVC-8



Sold in pairs

EL-800-IC-6 SPECIFICATIONS	
Woofer Size	6-1/2" (160mm)
Woofer Construction	Graphite Injected Polypropylene Cone
Tweeter	1" (25mm) Pivoting Aluminum Dome
Frequency Response	50Hz-20kHz
Impedance	8 Ohms
Power Handling	120 Watts
Sensitivity	88 dB
Timbre	Timbre-Matched to all 800 Series Speakers
Dimensions	9.625" (237mm) Diameter x 3.94" (100mm) Depth
Hole Cutout Dimensions	8.25" (210mm) Diameter
Mounting Depth	3.81" (97mm)

Use Pre-Construction Bracket **EL-PCB-IC-6**.



Sold in pairs

EL-800-IC-8 SPECIFICATIONS	
Woofer Size	8" (200mm)
Woofer Construction	Graphite Injected Polypropylene Cone
Tweeter	1" (25mm) Pivoting Aluminum Dome
Frequency Response	48Hz-20kHz
Impedance	8 Ohms
Power Handling	130 Watts
Sensitivity	90 dB
Timbre	Timbre-Matched to all 800 Series Speakers
Dimensions	10.8" (275mm) Diameter x 4.65" (118mm) Depth
Hole Cutout Dimensions	9.75" (248mm) Diameter
Mounting Depth	4.53" (115mm)

Use Pre-Construction Bracket **EL-PCB-IC-8**.



Sold individually

EL-800-ICDVC-8 SPECIFICATIONS	
Woofer Size	8" (200mm)
Woofer Construction	Graphite Injected Polypropylene Cone
Tweeters (2)	1" (25mm) Pivoting Aluminum Domes
Frequency Response	48Hz-20kHz
Impedance	8 Ohms
Power Handling	130 Watts
Sensitivity	91 dB
Timbre	Timbre-Matched to all 800 Series Speakers
Dimensions	10.8" (275mm) Diameter x 4.65" (118mm) Depth
Hole Cutout Dimensions	9.75" (248mm) Diameter
Mounting Depth	4.53" (115mm)

Use Pre-Construction Bracket **EL-PCB-IC-8**.

EL-800-IW-8 | EL-800-IWLRCR-6

In-Wall Speakers

800 SERIES



EL-800-IW-8



Low crossover points and light-weight, graphite injected polypropylene cone woofers deliver dynamic, room filling sound.



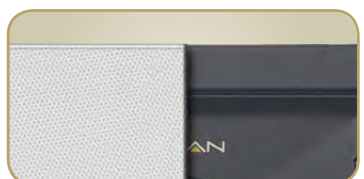
Pivoting aluminum dome tweeters direct sound to the listening area.



EL-800-IWLRCR-6



Easily adjust tweeter performance or enhance the dialogue in movies via the Vocal and Treble enhancement switches.



Thin-bezel magnetic grilles ensure a secure fit, pleasing aesthetic and feature a one-step paint process.

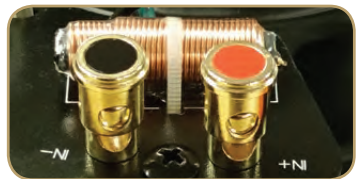
Exceptional Clarity, Power and Dynamics.

When high-performance audio is needed in the home theater, the ELAN 800 Series In-Wall speakers deliver a big theater sound experience for your discerning customers.

Superior clarity, resolution and dynamics are achieved via a graphite-injected polypropylene cone woofer and 1" aluminum dome tweeter. The front-mounted Vocal enhancement switch delivers enhanced vocal/dialogue clarity for media rooms and the Treble adjustment switch fine tunes post-installation tweeter performance.

The EL-800-IWLRCR-6 is the perfect left, center, right home theater speaker that will please the most demanding audiophile customers.

With its 8" woofer, the EL-800-IW8 delivers an exceptionally big sound. All models are backed by a limited lifetime warranty and ELAN speakers are available exclusively to ELAN dealers, so you won't get shopped when planning your next installation.



Spring-loaded binding posts ensure a secure, worry-free signal connection to the speaker.

EL-800-IW-8 | EL-800-IWLRCR-6 800 Series In-Wall Speakers

ORDER NO. EL-800-IW-8 | EL-800-IWLRCR-6

- **Dynamic Room Filling Sound**

Low crossover points and a light-weight graphite injected polypropylene cone woofer that's mounted as close to the surface as possible delivers dynamic sound with the widest dispersion possible.

- **Quick, Responsive Highs**

Aluminum dome tweeters are lightweight, strong and respond instantaneously to changes in music or movies.

- **Tilt Tweeter**

The tilting tweeter mechanism allows you to direct sound to the listening area and maintains high frequency performance even when the speaker is mounted in less than ideal locations.

- **Vocal and Tweeter Enhancement Switches**

Easily adjust tweeter performance or enhance the dialogue in movies via the Vocal and Tweeter Enhancement Switches.

- **Thin is In**

A thin-bezel magnetic grille ensures a secure fit, pleasing aesthetic and with a one-step paint process, it fits universally into almost any décor.

- **Secure Connection**

All ELAN speakers feature spring loaded binding posts that provide a secure, worry-free connection in the wall or ceiling.

- **Lifetime Warranty**

Feel confident that all ELAN architectural speakers are backed by a limited lifetime warranty.



Sold in pairs

EL-800-IW-8 SPECIFICATIONS	
Woofer Size	8" (200mm)
Woofer Construction	Graphite Injected Polypropylene Cone
Tweeter	1" (25mm) Pivoting Aluminum Dome
Frequency Response	48Hz-20kHz
Impedance	8 Ohms
Power Handling	130 Watts
Sensitivity	90 dB
Timbre	Timbre-Matched to all 800 Series Speakers
Dimensions	9.8" (249mm) Width x 14.6" (370mm) Height x 4.1" (105mm) Depth
Hole Cutout Dimensions	8.75" (222.5mm) Width x 13.625" (346mm) Height
Mounting Depth	4" (102mm)

Use Pre-Construction Bracket **EL-PCB-IW-8**.



Sold individually

EL-800-IWLRCR-6 SPECIFICATIONS	
Woofer Size	6-1/2" (160mm)
Woofer Construction	Graphite Injected Polypropylene Cone
Tweeter	1" (25mm) Silk Dome
Frequency Response	47Hz-20kHz
Impedance	8 Ohms
Power Handling	120 Watts
Sensitivity	91 dB
Timbre	Timbre-Matched to all 800 Series Speakers
Dimensions	15.6" (396mm) Width x 11" (280mm) Height x 3.3" (85mm) Depth
Hole Cutout Dimensions	7.5" (190.5mm) Width x 14.5" (369mm) Height
Mounting Depth	3.2" (82mm)

Use Pre-Construction Bracket **EL-PCB-IWLRCR-6**.

EL-800-ICLCR-6 | EL-800-ICLCR-8

In-Ceiling LCR Speakers

800 SERIES



EL-800-ICLCR-6



EL-800-ICLCR-8

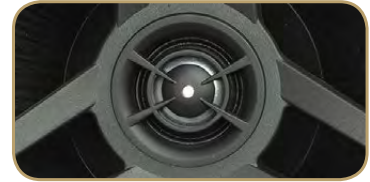
State of the Art Surround Sound with In-Ceiling Simplicity.

The ELAN 800 Series LCR In-Ceiling speakers are the best way to achieve hidden, high-performance home theater sound. With its offset concentric baffle design, each speaker's sound may be directed toward the listening area even though the speakers are in the ceiling up above the TV screen. Achieve stunning audiophile sound with 3 speakers in a Left-Center-Right arrangement.

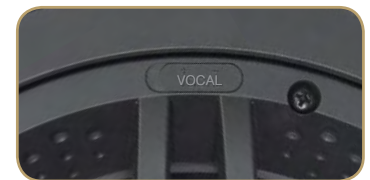
Sound clarity, resolution and dynamics are achieved via a graphite-injected polypropylene cone woofers and 1" aluminum dome

tweeters. Front-mounted vocal and tweeter enhancement switches enable increased vocal clarity, enhanced dialogue and adjustment of post-installation tweeter performance.

Like other ELAN speakers, the 800 Series LCRs are backed by a limited lifetime warranty and ELAN speakers are available exclusively to ELAN dealers, so you won't get shopped when planning your next installation.



Pivoting aluminum dome tweeter directs sound to the listening area.



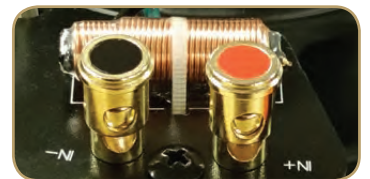
Easily adjust tweeter performance or enhance the dialogue in movies via the Vocal and Tweeter enhancement switches.



Dimpled Baffle design eliminates annoying echoes and increases sound dispersion.



Easy-Grip tweeter bridge reduces the chance of damage during installation.



Spring-loaded binding posts ensure a secure, worry-free signal connection to the speaker.

EL-800-ICLCR-6 | EL-800-ICLCR-8 800 Series In-Ceiling LCR Speakers

ORDER NO. EL-800-ICLCR-6 | EL-800-ICLCR-8

- Dynamic Room Filling Angled Woofer**
 Low crossover points and an angled light-weight graphite injected polypropylene cone woofer delivers dynamic sound with the widest dispersion possible.

- Quick, Responsive Highs**
 Aluminum dome tweeters are lightweight, strong and respond instantaneously to changes in music or movies.

- Tilt Tweeter**
 The tilting tweeter mechanism allows you to direct sound to the listening area and maintains high frequency performance even when the speaker is mounted in less than ideal locations.

- Vocal and Tweeter Enhancement Switches**
 Easily adjust tweeter performance or enhance the dialogue in movies via the Vocal and Tweeter Enhancement Switches.

- Thin is In**
 A thin-bezel magnetic grille ensures a secure fit, pleasing aesthetic and with a one-step paint process, it fits universally into almost any décor.

- Easy-Grip Tweeter Bridge**
 We know you do it! Installing speakers above your head requires a sturdy grip point and the ELAN Tweeter bridge ensures you have one. We even protect the tweeter from accidental finger pokes.

- Dimpled Baffle Design**
 The dimpled baffle design eliminates annoying echoes and increases dispersion by reducing the focusing action of the concave baffle. The result is crystal-clear room filling sound.

- Secure Connection**
 All ELAN speakers feature spring loaded binding posts that provide a secure, worry-free connection in the wall or ceiling.

- Lifetime Warranty**
 Feel confident that All ELAN Architectural speakers are backed by a limited lifetime warranty.



Sold individually

EL-800-ICLCR-6 SPECIFICATIONS	
Woofer Size	6-1/2" (160mm)
Woofer Construction	Graphite Injected Polypropylene Cone
Tweeter	1" (25mm) Pivoting Aluminum Dome
Frequency Response	50Hz-20kHz
Impedance	8 Ohms
Power Handling	120 Watts
Sensitivity	88 dB
Timbre	Timbre-Matched to all 800 Series Speakers
Dimensions	9.625" (237mm) Diameter x 3.94" (100mm) Depth
Hole Cutout Dimensions	8.25" (210mm) Diameter
Mounting Depth	3.81" (97mm)

Use Pre-Construction Bracket **EL-PCB-IC-6**.



Sold individually

EL-800-ICLCR-8 SPECIFICATIONS	
Woofer Size	8" (200mm)
Woofer Construction	Graphite Injected Polypropylene Cone
Tweeter	1" (25mm) Pivoting Aluminum Dome
Frequency Response	48Hz-20kHz
Impedance	8 Ohms
Power Handling	130 Watts
Sensitivity	90 dB
Timbre	Timbre-Matched to all 800 Series Speakers
Dimensions	10.8" (275mm) Diameter x 4.65" (118mm) Depth
Hole Cutout Dimensions	9.75" (248mm) Diameter
Mounting Depth	4.53" (115mm)

Use Pre-Construction Bracket **EL-PCB-IC-8**.

EL-600-IC-6 | EL-600-IC-8 | EL-600-ICLCR-6

In-Ceiling Speakers

600 SERIES



EL-600-IC-6



EL-600-IC-8



EL-600-ICLCR-6



Pivoting silk dome tweeters produce smooth highs which are pleasing to the ear—even at high volumes.



Dimpled Baffle design eliminates annoying echoes and increases sound dispersion.



Easy-Grip tweeter bridge reduces the chance of damage during installation.



Spring-loaded binding posts ensure a secure, worry-free signal connection to the speaker.

Versatile, Enhanced Performance.

the EL-600-IC-6 and EL-600-IC-8 achieve the optimal balance between performance and value. Featuring upgraded injection-molded polypropylene cone woofers and pivoting 1" silk dome tweeters, they are perfect for distributed audio and home theater.

With its 8" woofer, the EL-600-IC-8 delivers an exceptionally big room-filling sound, with up to 120 watts handling power. A multipurpose speaker with step-up performance, the EL-600-ICLCR-6 features an offset concentric baffle design, so that each ceiling-mounted speaker's sound may be directed toward the listening area—

perfect for home theaters as a left, center, or right speaker. With its upgraded injection molded polypropylene cone woofer and pivoting 1" silk dome tweeter, it's so versatile that it's a great choice as a surround speaker or for distributed audio.

All models are backed by a limited lifetime warranty and ELAN speakers are available exclusively to ELAN dealers, so you won't get shopped when planning your next installation.

EL-600-IC-6 | EL-600-IC-8 | EL-600-ICLCR-6

600 Series In-Ceiling Speakers

ORDER NO. EL-600-IC-6 | EL-600-IC-8 | EL-600-ICLCR-6



Sold in pairs

EL-600-IC-6 SPECIFICATIONS	
Woofer Size	6.5" (160mm)
Woofer Construction	Injection Molded Polypropylene Cone
Tweeter	1" (25mm) Pivoting Silk Dome
Frequency Response	51Hz-20kHz
Impedance	8 Ohms
Power Handling	110 Watts
Sensitivity	88 dB
Timbre	Timbre-Matched to all 600 Series Speakers
Dimensions	9.625" (237mm) Diameter x 3.8" (97 mm) Depth
Hole Cutout Dimensions	8.25" (210 mm) Diameter
Mounting Depth	3.7" (94mm)

Use Pre-Construction Bracket **EL-PCB-IC-6**.



Sold in pairs

EL-600-IC-8 SPECIFICATIONS	
Woofer Size	8" (200mm)
Woofer Construction	Injection Molded Polypropylene Cone
Tweeter	1" (25mm) Pivoting Silk Dome
Frequency Response	49Hz-20kHz
Impedance	8 Ohms
Power Handling	120 Watts
Sensitivity	90 dB
Timbre	Timbre-Matched to all 600 Series Speakers
Dimensions	10.8" (275 mm) Width x 4.4" (111 mm) Depth
Hole Cutout Dimensions	9.75" (248mm) Diameter
Mounting Depth	4.25" (108 mm)

Use Pre-Construction Bracket **EL-PCB-IC-8**.



Sold individually

EL-600-ICLCR-6 SPECIFICATIONS	
Woofer Size	6.5" (160mm)
Woofer Construction	Injection Molded Polypropylene Cone
Tweeter	1" (25mm) Pivoting Silk Dome
Frequency Response	51Hz-20kHz
Impedance	8 Ohms
Power Handling	110 Watts
Sensitivity	88 dB
Timbre	Timbre-Matched to all 600 Series Speakers
Dimensions	9.625" (237mm) Diameter x 4.5" (114 mm) Depth
Hole Cutout Dimensions	8.25" (210 mm) Diameter
Mounting Depth	4.4" (111 mm)

Use Pre-Construction Bracket **EL-PCB-IC-6**.

EL-600-IW-6 | EL-600-IWLRCR-5

In-Wall Speakers

600

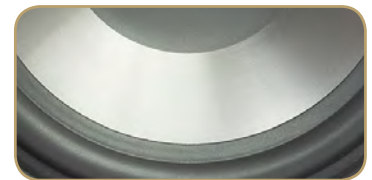
SERIES



EL-600-IW-6



Pivoting silk dome tweeters produce smooth highs which are pleasing to the ear—even at high volumes.



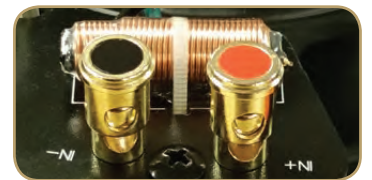
Injection-molded polypropylene cone woofers that are mounted as close to the surface as possible deliver the widest dispersion and best sound quality possible.



EL-600-IWLRCR-5



Thin-bezel magnetic grilles ensure a secure fit, pleasing aesthetics and feature a one-step paint process.



Spring-loaded binding posts ensure a secure, worry-free signal connection to the speaker.

Versatile, Enhanced Performance.

A multipurpose speaker with step-up performance, the EL-600-IW-6 includes an upgraded injection molded polypropylene cone woofer and pivoting 1" silk dome tweeter that's perfect for distributed audio or home theater.

For Home Theater performance, the EL-600-IWLRCR-5 over-delivers. With an upgraded injection molded polypropylene cone woofer and pivoting 1" silk dome tweeter it's perfect for home theater as a left, center, or right

speaker. It's versatile enough to be used as a surround speaker or for distributed audio.

All models are backed by a limited lifetime warranty and ELAN speakers are available exclusively to ELAN dealers, so you won't get shopped when planning your next installation.

EL-600-IW-6 | EL-600-IWLCR-5

600 Series In-Wall Speakers

ORDER NO. EL-600-IW-6 | EL-600-IWLCR-5

▪ **Room Filling Sound**

Low crossover points and woofers that are mounted as close to the surface as possible delivers the widest dispersion and best sound quality possible.

▪ **Silky Smooth Highs**

Silk dome tweeters reduce the severity of break-up modes resulting in silky smooth sound which is pleasing to the ear—even at high volumes.

▪ **Tilt Tweeter**

The tilting tweeter mechanism allows you to direct sound to the listening area and maintains high frequency performance even when the speaker is mounted in less than ideal locations.

▪ **Thin is In**

A thin-bezel magnetic grille ensures a secure fit, pleasing aesthetic and with a one-step paint process, it fits universally into almost any décor.

▪ **Secure Connection**

All ELAN speakers feature spring loaded binding posts that provide a secure, worry-free connection in the wall or ceiling.

▪ **Lifetime Warranty**

Feel confident that all ELAN architectural speakers are backed by a limited lifetime warranty.



Sold in pairs

EL-600-IW-6 SPECIFICATIONS	
Woofer Size	6-1/2" (160 mm)
Woofer Construction	Injection Molded Polypropylene Cone
Tweeter	1" (25 mm) Pivoting Silk Dome
Frequency Response	51Hz-20kHz
Impedance	8 Ohms
Power Handling	110 Watts
Sensitivity	88 dB
Timbre	Timbre-Matched to all 600 Series Speakers
Dimensions	7.9" (200 mm) Width x 11.9" (303 mm) Height x 3.2" (82 mm) Depth
Hole Cutout Dimensions	6.75" (172 mm) Width 10.9" (276.3 mm) Height
Mounting Depth	3.3" (83 mm)

Use Pre-Construction Bracket **EL-PCB-IW-6**.



Sold individually

EL-600-IWLCR-5 SPECIFICATIONS	
Woofer Size	Dual 5.25" (130mm)
Woofer Construction	Injection Molded Polypropylene Cone
Tweeter	1" (25 mm) Pivoting Silk Dome
Frequency Response	48Hz-20kHz
Impedance	8 Ohms
Power Handling	110 Watts
Sensitivity	90 dB
Timbre	Timbre-Matched to all 600 Series Speakers
Dimensions	15.6" (396mm) Width x 7.76" (197mm) Height x 3.9" (99mm) Depth
Hole Cutout Dimensions	6.5" (157.2mm) Width x 14.5" (369mm) Height
Mounting Depth	3.8" (96mm)

Use Pre-Construction Bracket **EL-PCB-IWLCR-5**.

EL-400-IC-6 | EL-400-ICDVC-6 In-Ceiling Speakers

400 SERIES



EL-400-IC-6



EL-400-ICDVC-6



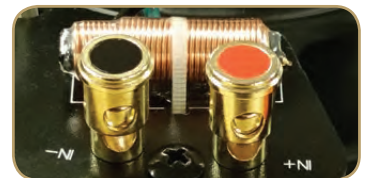
Silk dome tweeters produce smooth highs which are pleasing to the ear—even at high volumes.



Dimpled Baffle design eliminates annoying echoes and increases sound dispersion.



The EL-400-ICDVC-6 delivers true stereo sound in a single speaker.



Spring-loaded binding posts provide a secure, worry-free connection in the wall or ceiling.

Silky Smooth, Whole Home Audio.

When great sounding background music is the goal, the EL-400-IC-6 delivers. Components include a 1/2" silk dome tweeter and polypropylene cone woofer, this speaker is the perfect solution for audio throughout the home while keeping an eye on the budget.

Does your installation call for stereo sound, but only with space for a single speaker? The EL-400-ICDVC-6 is the solution. Components include dual 1/2" mylar tweeters and a polypropylene cone woofer.

The dual input/single stereo design delivers a complete experience from a single speaker without the need for a stereo pair.

ELAN speakers have the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on. All models have a limited lifetime warranty and ELAN speakers are available exclusively to ELAN dealers, so you won't get shopped when planning your next installation.

EL-400-IC-6 | EL-400-ICDVC-6 400 Series In-Ceiling Speakers

ORDER NO. EL-400-ICDVC-6 | EL-400-ICDVC-6

COMMON FEATURES

- Room Filling Sound**
 Low crossover points and a woofer that's mounted as close to the surface as possible delivers the widest dispersion and best sound quality possible.
- Thin is In**
 A thin-bezel magnetic grille ensures a secure fit, pleasing aesthetic and with a one-step paint process, it fits universally into almost any décor.
- Easy-Grip Tweeter Bridge**
 We know you do it! Installing speakers above your head requires a sturdy grip point and the ELAN Tweeter bridge ensures you have one. We even protect the tweeter from accidental finger pokes.
- Dimpled Baffle Design**
 The dimpled baffle design eliminates annoying echoes and increases dispersion by reducing the focusing action of the concave baffle. The result is crystal-clear room filling sound.
- Secure Connection**
 All ELAN speakers feature spring loaded binding posts that provide a secure, worry-free connection in the wall or ceiling.
- Lifetime Warranty**
 Feel confident that all ELAN architectural speakers are backed by a limited lifetime warranty.



Sold in pairs

EL-400-IC-6 SPECIFICATIONS	
Woofer Size	6-1/2" (160mm)
Woofer Construction	Polypropylene Cone
Tweeter	1/2" (13mm) Fixed Silk Dome
Frequency Response	52Hz-20kHz
Impedance	8 Ohms
Power Handling	100 Watts
Sensitivity	88 dB
Timbre	Timbre-Matched to all 400 Series Speakers
Dimensions	9-5/8" (237 mm) Diameter x 3.8" (97 mm) Depth
Hole Cutout Dimensions	8-1/4" (210 mm) Diameter
Mounting Depth	3.7" (94mm)

Use Pre-Construction Bracket **EL-PCB-IC-6**.



Sold individually

EL-400-ICDVC-6 FEATURES

- Don't Miss a Beat**
 The speaker's Left and Right inputs allow you deliver a complete experience out of one speaker without the need of a stereo pair.
- Single Stereo Design**
 An ideal choice for places where you don't have the space or need for two speakers but still want to reproduce Left and Right channel content from a single speaker.

EL-400-ICDVC-6 SPECIFICATIONS	
Woofer Size	6-1/2" (160mm)
Woofer Construction	Polypropylene Cone
Tweeter	Dual 1/2" (13mm) Fixed Mylar Dome
Frequency Response	40Hz-20kHz
Impedance	8 Ohms
Power Handling	100 Watts
Sensitivity	89 dB
Timbre	Timbre-Matched to all 400 Series Speakers
Dimensions	9-5/8" (237 mm) Diameter x 3.8" (97 mm) Depth
Hole Cutout Dimensions	8-1/4" (210 mm) Diameter
Mounting Depth	3.7" (94mm)

Use Pre-Construction Bracket **EL-PCB-IC-6**.

EL-400-IW-6

In-Wall Speakers

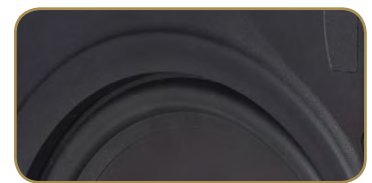
400 SERIES



EL-400-IW-6



Silk dome tweeters produce smooth highs which are pleasing to the ear—even at high volumes.



Woofers mounted close to the enclosure surface deliver the best possible sound quality.



Thin-bezel magnetic grilles ensure a secure fit, pleasing aesthetics and have a one-step paint process.



Spring-loaded binding posts provide a secure, worry-free connection in the wall or ceiling.

Silky Smooth Home Theater Sound.

When your client is ready for home theater sound that's a big step up from a sound bar, the EL-400-IW-6 is the choice. Components include a 1/2" silk dome tweeter and polypropylene cone woofer, the 400 Series is a perfect solution for great audio with an eye on the budget.

Interior designers will appreciate the paintable, thin bezel magnetic grille that fits into almost any décor.

Like all ELAN speakers, the EL-400-IW-6 has the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on. All models have a limited lifetime warranty and ELAN speakers are available exclusively to ELAN dealers, so you won't get shopped when planning your next installation.

EL-400-IW-6 400 Series In-Wall Speakers

ORDER NO. EL-400-IW-6

▪ Room Filling Sound

Low crossover points and a woofer that's mounted as close to the surface as possible delivers the widest dispersion and best sound quality possible.

▪ Silky Smooth Highs

Silk dome tweeters reduce the severity of break-up modes resulting in silky smooth sound which is pleasing to the ear—even at high volumes.

▪ Thin is In

A thin-bezel magnetic grille ensures a secure fit, pleasing aesthetic and with a one-step paint process, it fits universally into almost any décor.

▪ Secure Connection

All ELAN speakers feature spring loaded binding posts that provide a secure, worry-free connection in the wall or ceiling.

▪ Lifetime Warranty

Feel confident that all ELAN architectural speakers are backed by a limited lifetime warranty.

SPECIFICATIONS	
Woofer Size	6-1/2" (160mm)
Woofer Construction	Polypropylene Cone
Tweeter	3/4" (19mm) Fixed Silk Dome
Frequency Response	52Hz-20kHz
Impedance	8 Ohms
Power Handling	100 Watts
Sensitivity	88 dB
Timbre	Timbre-Matched to all 400 Series Speakers
Dimensions	7.9" (200mm) Width x 11.9" (303mm) Height x 3.2" (82mm) Depth
Hole Cutout Dimensions	6.75" (172mm) Width 10.9" (276.3mm) Height
Mounting Depth	3.11" (79mm)

Use Pre-Construction Bracket **EL-PCB-IW-6**.



Sold in Pairs



Thermostats

Comfort and Convenience

ELAN Wi-Fi Thermostats integrate fully with the ELAN system for effortless control of the indoor environment. Both the EL-TSTAT-8820 and EL-TSTAT-8810 deliver precision temperature accuracy and effortless programmability. The 8820, with large back-lit touch screen, also enables easy control of humidity, fresh air and air purity.



EL-TSTAT-8820



Wi-Fi Touchscreen Thermostat



EL-TSTAT-8820

Balance All Aspects of Indoor Air Quality.

The EL-TSTAT-8820 is designed to balance all aspects of indoor air quality, including Temperature, Humidity, Air Purity and Fresh Air.

The EL-TSTAT-8820 Wi-Fi Touchscreen Thermostat – featuring ‘ELAN Discovery’ – is an internet-connected thermostat designed to balance all aspects of indoor air quality, including Temperature, Humidity, Air Purity and Fresh Air—all controlled within an ELAN system.

ELAN Discovery

Find, provision and install the ELAN Wireless Thermostat with just a few clicks.

All ELAN Thermostat products are embedded with the ELAN beacon, making them the fastest and easiest thermostats to install in an ELAN system. In the Configurator, ELAN Discovery scans your network, both wired and wireless, automatically discovering the SSID the thermostat broadcast.

With a click, the EL-TSTAT-8820 is configured and installed in the ELAN system. We’ve eliminated the need to use a secondary application to setup the device outside of ELAN—saving you substantial time on every installation.

The EL-TSTAT-8820 Wi-Fi Thermostat has the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on.



EL-TSTAT-8820

Wi-Fi Touchscreen Thermostat



ORDER NO. EL-TSTAT-8820

FEATURES

- One Click setup with ELAN Discovery (Auto Discover/Auto Configure)
- Remote access and control over Wi-Fi*
- Indoor air quality control
 - Humidification automatic or manual control
 - Dehumidification
 - Event-Based™ air cleaning
 - Ventilation with temperature and humidity limits
- Temperature control
- Heat Blast® raises the room temperature 3°F to 5°F
- Large touch screen with adjustable backlight – constant backlight option available
- Message center provides feedback and instructions
- 7 day programmability
- Displays room temperature, room humidity, temperature setting, and outdoor temperature
- Air filter, humidifier, dehumidifier, fresh air, and HVAC service reminders
- Programmable fan control with fan circulation mode
- Easy to use temperature control can override program schedule at any time
- Progressive recovery ensures proper temperature at the start of a program event
- Built in compressor protection prevents damage to your equipment
- System test mode

*Requires a Control System

INCLUDED IN THE BOX:

- (1) ELAN 8820 Thermostat
- (1) Quick Reference Guide
- (1) Quick Reference Card

ENVIRONMENT	
Temperature	Operating: 32° to 120°F (0° to 48.9°C) Shipping: -30° to 150°F (-34.4° to 65.5°C)
Relative Humidity	Operating: 5% to 90% R.H. (non-condensing)

ELECTRICAL	
Operating voltage	24VAC (18 – 30VAC)
Current	Maximum: 2.5A (total), 1.0A (single output) Maximum surge current: 5A

THERMAL	
Outdoor & Remote temperature sensor	Maximum distance: 300 feet
Room temperature measurement	Display range: 32° to 99°F (0° to 40°C)
Outdoor temperature measurement	Display range: -40° to 130°F (-40° to 55°C)
Setpoint temperature range	Heat: 40° to 90°F (4° to 32°C) Cool: 50° to 99°F (10° to 37°C)
Setpoint humidity range	Humidification: 10% to 50% R.H. Dehumidification: 40% to 90% R.H.

COMPATIBLE REMOTE SENSORS *Sold Separately*

An interior designer's best friend, remote sensors allow you to hide the thermostat in a closet or in the rack while still providing evenly distributed temperature control throughout the home. Our flush mount sensors take the average of up to four (4) different locations to provide the perfect environment.

EL-TSTAT-SEN-8083

Indoor Flush Mount Remote Temperature and Humidity Sensor



SPECIFICATIONS	
Temperature	-40 to 130°F (-40 to 55°C)
Temperature Accuracy	+/-1°F 60 to 80°F (Comfort Range) +/-2°F 40 to 100°F (Control Range)
Humidity	0% to 99% R.H. (non-condensing)
Humidity Accuracy	+/-5% R.H. 20% to 80% R.H.
Electrical Operating Voltage	24VAC (18 to 30VAC)

EL-TSTAT-SEN-8051

Indoor Flush Mount Remote Temperature Sensor



SPECIFICATIONS	
Tolerance	+/-3% @ 25°C (77°F)
Resistance	10 kΩ @ 25°C (77°F)
Electrical Operating Voltage	20-30 VAC

EL-TSTAT-SEN-8052

Outdoor Remote Temperature Sensor



SPECIFICATIONS	
Tolerance	+/-3% @ 25°C (77°F)
Resistance	10 kΩ @ 25°C (77°F)
Electrical Operating Voltage	20-30 VAC

EL-TSTAT-8810



Wi-Fi Thermostat



EL-TSTAT-8810

Simplicity in Comfort and Control.

The EL-TSTAT-8810 Wi-Fi Thermostat—featuring ELAN Discovery—is an internet-connected thermostat designed to balance all aspects of indoor air quality, including Temperature and Air Purity—all controlled within an ELAN system.

ELAN Discovery

Find, provision and install the ELAN Wireless Thermostat with just a few clicks.

All ELAN Thermostat products are embedded with the ELAN beacon, making them the fastest and easiest thermostats to install in an ELAN system. Once power is provided to the thermostat, ELAN Discovery scans your network, both wired and wireless, automatically discovering the SSID that the thermostat broadcast. With a click, the thermostat is configured and installed in the ELAN system. We've eliminated the need to use

a secondary application to setup the device outside of ELAN—saving you substantial time on every installation.

The EL-TSTAT-8810 Wi-Fi Thermostat has the quality, reliability, best-in-class features and ELAN customer support that you and your clients rely on.



EL-TSTAT-8810 Wi-Fi Thermostat



ORDER NO. EL-TSTAT-8810

FEATURES

- One Click setup with ELAN Discovery (Auto Discover/Auto Configure)
- Remote access and control over Wi-Fi*
- Event-Based™ Air Cleaning
- Large, clear, backlit display is easy to read – even in the dark
- Displays room temperature, temperature setting, and optional outdoor temperature
- Built in compressor protection
- Air filter and humidifier service indicators
- Auto backlight (activated with first button press)
- 7 day programmability
- Easy to use temperature control can override program schedule at any time
- Progressive recovery

**Requires ELAN or other Control System*

INCLUDED IN THE BOX:

- (1) ELAN 8810 Thermostat
- (1) Quick Reference Guide
- (1) Quick Reference Card

ENVIRONMENT	
Temperature	Operating: 32° to 120°F (0° to 48.9°C) Shipping: -30° to 150°F (-34.4° to 65.5°C)
Relative Humidity	Operating: 5% to 90% R.H. (non-condensing)

ELECTRICAL	
Operating voltage	24VAC (18 – 30VAC)
Current	Maximum: 2.5A (total), 1.0A (single output) Maximum surge current: 5A

THERMAL	
Outdoor and Remote temperature sensor	Maximum distance: 300 feet
Room temperature measurement	Display range: 32° to 99°F (0° to 40°C)
Outdoor temperature measurement	Display range: -40° to 130°F (-40° to 55°C)

COMPATIBLE REMOTE SENSORS Sold Separately

EL-TSTAT-SEN-8052

Outdoor Remote Temperature Sensor



SPECIFICATIONS	
Tolerance	+/-3% @ 25°C (77°F)
Resistance	10 kΩ @ 25°C (77°F)
Electrical Operating Voltage	20-30 VAC



Amplifiers

Rock Solid

Flexibility is a performance specification. Having great sound and reliable operation are minimum requirements in today's marketplace. Flexibility is unique. Our digital amplifiers are perfect for the high end multi-room installation where you must be able to adjust the input levels independently and must have features such as: minimum turn-on level, absolute maximum volume, and automatic volume reduction. On the analog side we have high current amplifiers capable of driving multiple pairs of speakers without impedance matching and as well as cost effective multi-channel solutions. ELAN – your application-specific amplifier solution company.



S1616A

Multi-Source Multi-Zone Controller/Amplifier (in Amplifier Mode)

ORDER NO. S1616A Only Available in the US



When used in Amplifier Mode, the ELAN S1616A has all the features and benefits that made the original D16 such a capable and popular product.

Featuring output of 75 watts at 4 ohms, or 50 watts at 8 ohms, to sixteen channels with multiple configurable bus inputs, the S1616A Amplifier Mode is one serious amp that can be used in many installations where lesser amplifiers fall flat.

Even when not connected to a g! Home Controller, the S1616A can be used as an audio switcher, preamp, and amplifier all in one. Using the extensive IR code library it can be controlled by popular hand held remote controls allowing eight zones of stereo audio capability.

The S1616A in Amplifier Mode is a "green-friendly" product with a low power standby mode that provides nearly instant turn-on for predictable operation while conserving energy.

FEATURES

- 16 channels of digital amplification
- True power ratings of 50WPC @ 8 Ohms & 75WPC @ 4 Ohms (all channels driven)
- A & B Bus inputs & outputs
- Two optical digital inputs
- 8 paired trigger inputs + "All On" trigger input & trigger loop output
- Only 3 rack spaces high
- Rack-mount ears included

**NOTE: Please download the S1616A Amplifier Mode manual for standalone operation specifications and information at www.elanhomesystems.com/dealer*

SPECIFICATIONS

Input/Output	
Source Inputs	Single Chassis – 8 stereo or 16 mono or combinations thereof Dual Chassis – 16 stereo
Zones	64 zones maximum
Outputs	Single Chassis Mode – 16 independently assignable to zones by left, right or mono Dual Chassis Mode – 16 stereo assignable to zones
Triggers	Music Sensing status available through Event Mapper on all inputs
Audio	
Output Power RMS	75WPC @ 4 Ohms, 50WPC @ 8 Ohms all channels driven
Frequency Response	20Hz to 20kHz +/- 1.5 dB at 8 Ohms
Full Power Bandwidth	10Hz to 25kHz
Signal to Noise	> 102 dB (A weighted)
Channel Separation	> -70dB (channel to channel @ 1kHz)
Total Harmonic Distortion	< 0.04%
Inter-modulation Distortion	< 0.1%
Input Impedance	49k Ohms



A12

12-Channel Power Amplifier

ORDER NO. A12 Only Available in the US



The A12 Power Amplifier is designed to provide a reliable, affordable and feature-rich solution for multi-room audio systems requiring up to twelve channels of amplification. Building on ELAN's proven analog technology, the A12 adds advanced features like audio sensing, stereo/mono bussing and trigger inputs/outputs to make it the premier amplifier in its price range.

Using easy-to-configure dip switches a bus input can be sent to any A12 output without the use of additional patch cables. Bus loop outputs allow for easy connection to additional amplifiers, A/V receivers, etc.

FEATURES

- 12 x 30 WPC @ 8 Ohms
- Stereo / mono bus
- 6 paired remote trigger inputs
- System trigger in/out
- Audio loop outputs
- Individual channel level adjustments
- Audio sense
- Removable locking speaker terminals
- 2 rack-spaces high
- 3 rack-spaces high with optional rack mount kit (RMK3)

Six +12VDC trigger inputs allow each pair of channels to be activated independently. The A12's audio sense circuit mutes or un-mutes channels based upon audio signal detection.

Each channel also features an audio loop output, making for the easy creation of stereo and mono sub-zones or for routing audio to additional amplifiers or audio processors. Individual channel level adjustments allow fine-tuning of each channel. Removable, locking speaker terminals make quick and secure speaker connections.



RMK3 RACK-MOUNT KIT Use with A12

ORDER NO. RMK3

- Rack-mount kit for:
 - M86A Integrated Multi-Room Audio Controller
 - A12 12-Channel Power Amplifier
- 3U height provides extra rack space above and below units for optimum air flow and heat dissipation
- Dimensions:
 - (in.) 19 W x 5-1/4 (3U) H
 - (mm) 483 W x 134 (3U) H



SPECIFICATIONS	
Power Output (RMS) per Channel	30W @ 8 Ohms
Frequency Response	20Hz to 20kHz, +/-1dB into 8 Ohms
Full Power Bandwidth	5Hz to 55kHz, -3dB into 8 Ohms
Signal-To-Noise	>95dB (A-weighted)
Channel Separation	>70dB (channel to channel @1kHz)
THD	<.01% @ 1kHz, <.06% @ 10kHz
Intermodulation Distortion	<0.1%
Voltage Gain (Av)	Continuously variable from 0 - 20
Slew Rate	>9 V / microsecond
Input Impedance	47k Ohms
Input Sensitivity	0.707VRMS
Trigger Inputs	5 to 24VDC
Trigger Loop Output	+12VDC @ 0.1A
AC Power Requirements	120VAC, 440W
Current Draw	3.7A @ 120VAC
Dimensions w/ Feet (2U w/o Feet)	(in.) 17 W x 4-1/8 H x 12-3/4 D (mm) 432 W x 105 H x 324 D
Weight	20 lbs / 9.07 kg
Certifications	ETL® listed, CE

A6

6-Channel Power Amplifier

ORDER NO. A6 *Only available in the US*



Designed specifically for the Custom Installer, the A6 Power Amplifier is the cornerstone of any high-fidelity system. The A6 provides six channels at 30 WPC or three channels at 60 WPC in a 1-3/4 inch single rack-space plus additional features not found on an amplifier (of any size) on the market.

Six front panel gain pots, signal presence and clip indicators make setup a snap! A convenient Bus Mode switch allows one stereo input to be routed to three pairs of amplified outputs without the need for additional patch cables. Independent bridge mode buttons allow mixing of bridged and un-bridged channels. Buffered line level outputs can be Y-corded for mono signal applications.

The built-in IR connecting block can power up to four IR receivers and emitters—great for standalone IR control applications! The remote trigger input mutes the amplifier when the preamp is turned off.

The ultra-high-efficiency toroidal transformer and 40,000uF bulk storage capacitance ensures that peak current demands are always met.

FEATURES

- 30 WPC into 8 ohms, 60 WPC into 4 ohms
- Front panel gain pots, signal presence, clip and IR pass-through LED indicators
- Bus Mode switch
- Buffered line level outputs
- IR pass-through connecting block
- Remote trigger IN/OUT
- Only 1 rack space high
- Rack ears included

SPECIFICATIONS

Power Output (RMS) per channel	30W @ 8 Ohms 60W @ 4 Ohms
Frequency Response	20Hz to 20kHz -.25dB
Full Power Bandwidth	10Hz to 30kHz
Signal to Noise	>110dB (A-weighted)
Channel Separation	>70dB @ 1kHz
THD	< 0.03%
Intermodulation Distortion	< -90dB
Voltage Gain (Av)	0 to 28, adjustable
Input Impedance	20k Ohms
Remote Trigger Input	5-24V AC/DC
Trigger Loop Output	+12VDC @ 0.1A
AC Power Requirements	120VAC, 440W
Current Draw	3.7A @ 120VAC
Dimensions	(in.) 17 W x 2-1/4 H x 11 D (mm) 432 W x 58 H x 280 D
Weight	16 lbs / 7.2 kg
Certifications	ETL® listed, CE



A2

2-Channel Power Amplifier

ORDER NO. A2 Only Available in the US



Whether specifying the A2 in a home theater application or in a distributed audio system, this single rack-height amp provides enough power to handle the most inefficient freestanding speakers or a whole house full of in-walls.

The A2 amplifier will deliver 150 watts per channel into 2-Ohm loads. This high-current, low-impedance design eliminates the need for speaker selector boxes or load protection devices when driving up to three pair of 8-Ohm speakers. The ultra-high-efficiency toroidal transformer and 40,000uF bulk storage capacitance ensures that peak current demands are always met. This translates into exceptionally tight bass response and improved dynamic headroom.

Buffered loop outputs allow routing of the stereo inputs to an additional power amplifier

or surround sound processor without signal loss or degradation.

Three pairs of gold-plated, five-way speaker binding posts make it easy to connect multiple speakers. The remote trigger input mutes the amplifier when the preamp is turned off. Gain pots for each channel are accessible via the front panel.

FEATURES

- 150 WPC RMS into 2 Ohms
100 WPC RMS into 4 Ohms
60 WPC RMS into 8 Ohms
- Buffered line level outputs
- Remote trigger IN / OUT
- Only 1 rack-space high
- Rack ears included



SPECIFICATIONS

Power Output (RMS) per channel	150W @ 2 ohms, 100 W @ 4 ohms, 60W at 8 ohms
Frequency Response	20Hz to 20kHz -.5dB
Full Power Bandwidth	5Hz to 30kHz
Signal to Noise	>110dB (A-weighted)
Channel Separation	>70dB @ 1kHz
THD	< 0.03%
Intermodulation Distortion	< -90dB
Voltage Gain (Av)	0 to 28, front panel adjustable
Input Impedance	33k Ohms
Remote Trigger Input	5-24V AC / DC
Trigger Loop Output	+12VDC @ 0.1A
AC Power Requirements	120VAC, 440W
Current Draw	3.7A @ 120VAC
Dimensions	(in.) 17 W x 2-1/4 H x 11 D (mm) 432 W x 58 H x 280 D
Weight	16 lbs/7.2 kg
Certifications	ETL® listed, CE

D12

12-Channel Digital Power Amplifier

ORDER NO. D12 Only Available in the US



Designed, built and rigorously tested for outstanding reliability and sound, the D12 achieves a high level of dependability and performance in multi-channel amplification.

The D12 uses low heat/high efficiency Class D digital technology with 8x oversampling and 48-bit signal processing to deliver the cleanest audio and most efficient amplification available. Each of the amplifier's 12 channels have a true power rating of 75W into 8 Ohms and 100W into 4 Ohms – with all channels driven. The D12 incorporates technologies that make its setup, flexibility and performance truly exceptional.

Configuring the D12 is done through its front panel buttons and display. From there, input levels can be set for each channel individually or for all channels at once. Also configurable are input selections for direct stereo, mono mix-down, and A/B bussing in both stereo and mono.

Program features include max volume output, min/max turn-on levels for each channel, independent triggers that allow turning on and off any mix of amp channels, link/un-link channel pairs and more. Up to three "scenes" can be created that, with the touch of a button, can raise or lower specific amp channels.

The D12's blue graphical LCD allows viewing all settings and provides important diagnostic information such as faults, thermal warnings and impedance load per channel. All these features, and many more, have been incorporated into a chassis design that exceeds all standard quality assurance testing – and then some—making the D12 the most reliable amplifier ever built for multi-room audio applications.

SPECIFICATIONS

Power Output (RMS) per channel	75W @ 8 Ohms 100W @ 4 Ohms
Frequency Response	20Hz to 20kHz -.25dB
Full Power Bandwidth	10Hz to 25kHz
Signal to Noise	>102dB (A-weighted)
Channel Separation	>70dB @ 1kHz
THD	< 0.04%
Intermodulation Distortion	< 0.1%
Input Impedance	49k Ohms
Remote Trigger Input	5-24Volts AC/DC
Trigger Loop Output	+12VDC @ 10mA
AC Power Requirements	120VAC, 440W
Current Draw	12A @ 120VAC
Dimensions w/ Feet (3U w/o feet)	(in.) 17 W x 5-7/8 H x 17 D (mm) 432 W x 149 H x 432 D
Weight	47 lbs / 21.32 kg
Certifications	cTUVus, CE, IC, C-Tick, CB Scheme, FCC





Sensors

Toolbox

It's how you finish the last 5% of a project that determines its success.

From properly terminated wiring to the correct color wall plates, details matter. ELAN offers a vast assortment of products to help you finish your project in a first rate manner, collect that final payment and most importantly, get referrals.



ELAN SENSE Automation Sensors

Seven ways to add reliable power management and automation features to any system!

ELAN SENSE Automation Sensors detect the state of a device and communicate that state to the g! series controllers or to another system via the SIM2. ELAN SENSE sensors include the features you need most, like adjustable sensitivity and delay. When the project must absolutely work a certain way, these are the sensors you can count on.

AUDIO SENSOR

ORDER NO. AUDESENSOR

Detects line-level audio. Female-to-male RCA adaptor connects in-line between either the left or right line-level audio output of any source and an A/V controller or receiver. Features adjustable sensitivity and delay.



VIDEO SENSOR

ORDER NO. VIDSENSOR

Detects composite video signals. Female-to-male RCA adaptor connects in-line between the component (Y, Pr, or Pb) or composite video output of any source or its destination. Features adjustable sensitivity and delay.



CURRENT/MAGNETIC FIELD SENSOR

ORDER NO. CRSENSOR

Detects AC current in power cords, as well as the AC magnetic fields generated by motors, transformers, TV's, etc. The CRSENSOR has a unique clamping device that accommodates a wide variety of different sized AC power cords. The base of the clamping device is removable when magnetic field detection is desired. Features adjustable sensitivity and delay.



VOLTAGE SENSOR

ORDER NO. VTSENSOR

Detects AC or DC voltage from 9-24 Volts. A two-terminal barrier strip is used to connect voltage + and - conductors.



CONTACT CLOSURE SENSOR

ORDER NO. CTSENSOR

Detects dry contact relay closures. A two-terminal barrier strip is used to connect + and - conductors from relay devices.



LIGHT/LED SENSOR

ORDER NO. LTSENSOR

Detects toslink (optional) signals, LEDs and even the displays of many A/V components. Red and Green filters (included) allow for the detection of bi-color LEDs found on many components. Features adjustable sensitivity and delay.



SIM2 Sensor Integration Module

ORDER NO. SIM2

The SIM2 is a low-cost, simple automation solution designed to work seamlessly with ELAN SENSE Sensors. The SIM2 functions as a stand-alone four sensor input/ two relay output module that provides dry contact closure or 12V output in response to sensor input status. Built-in relays respond to sensor triggers differently based on conditional logic "and/or" dip switch settings on the unit. This allows any ELAN SENSE automation sensor, or standard motion, driveway or door/window sensor, to intelligently trigger relays on the SIM2 based on the dip switch settings. The SIM2 is ideal for Home Theater automation applications, or any application that requires the use of automated triggering through the use of sensors.



FEATURES

- Simple automation solution for ELAN SENSE Automation Sensors
- 4 sensor inputs (1 pair for each relay)
- 2 relay outputs which provide contact closure or 12 volts
- Conditional and/or logic dipswitches provide intelligent relay triggering
- No software programming required
- Mounts on any flat surface (mounting screws & adhesive backing strip)
- Includes 12VDC, 2.1A Power Supply

SIM2 SPECIFICATIONS

SIM2 SPECIFICATIONS	
Relays (x2)	
Type	NO / NC closed contact relay
Max. Rated Load Switched by Relay	0.5A @ 125VAC or 1A @ 24VDC
Sense Inputs (x4)	
Connector	3.5 mm stereo jack
Tip	+5V power to sensor
Ring	Contact closure or ELAN SENSE open collector
Sleeve	Ground
Power	5VDC @ 90mA
Power Requirements	12VDC, 2.1A
Connector Power Output	+12VDC @ 0.65A



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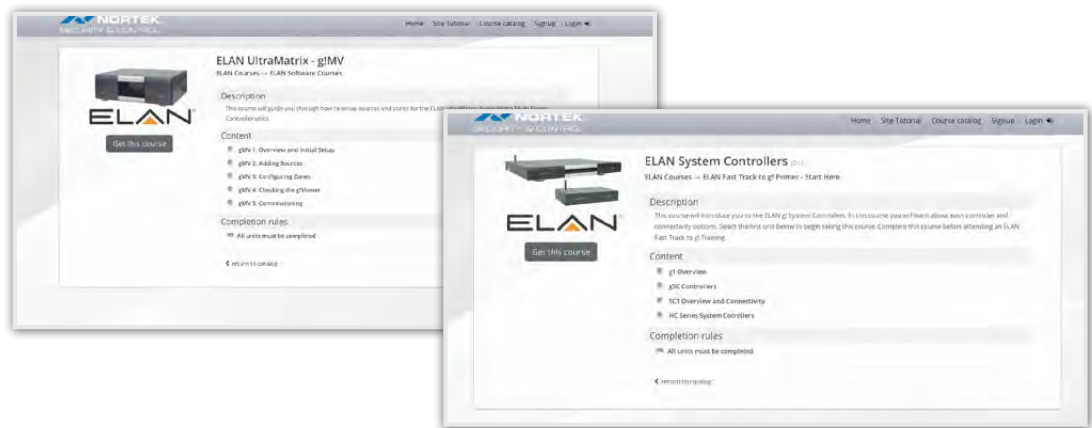
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