Access control

STAND-ALONE DIGITAL CODE-LOCKS

Videx digital codelocks are manufactured from the highest quality materials, this guarantees high reliability and offers a wide range of models at competitive price / performance. All versions offer ease of installation and a user friendly "programming menu" this allows the user to store, by using a "discrete code"(up to 8 digits), one or more "access codes" and relay opening time and operating mode (the number of codes and relays depend on the code-lock model). The relays can be programmed to operate for a specified time or to be latched. Depending on the codelock version, they can have 1 or 2 input terminals to enable the relevant relay.

Stand-alone code-locks are available in a number of version: flush or surface mounting for "8000 Series" and "4000 Series" modular systems (to combine with audio and video door entry systems) and in plastic version for internal use.

The different versions start from 1 relay with 1 access code to 3 relays with 3000 access codes. The relays are dry contact with C, NC and NO terminals (except the third relay in 3 relay version where only C and NO terminals are available).

All codelocks have protection that temporary disables the keypad each time a wrong code is entered: the disable time will increase each time two or more wrong codes are entered.

If higher security is required, VIDEX offer codelocks that use serial communication between the key pad and the remote "control unit" which houses the relay outputs.

DIGITAL CODE-LOCKS UNIT COMPLETE WITH MOUNTING BOX

These are self-contained digital codelocks that require no additional accessories for there installation. These units are robust and very reliable. They are available for flush and surface mounting with front plates in stainless steel (add /S to the product code) or aluminium (add /A to the product code).
All codelocks include 2 relay outputs with C/NC/NO contacts, 2 relay command inputs and an illumination panel. Depending on the version of codelock, the number of access codes available range from a minimum of 2 to a maximum of 100.

Working Voltage:	12/24Vac/dc.
Working Temperature:	-10 +50°C.
Relay contacts:	24Vac/dc 3A

Art.	DESCRIPTION
VX800NF	Codelock unit, 2 code/2 relay outputs, flush mounting.
VX800NS	Codelock unit, 2 code/2 relay output, surface mounting.
VX900NF	As VX800F but with 100 codes.
VX900NS	As VX800S but with 100 codes.

Art. VX 800NF/A
Art. VX 900NF/A

Art. VX 800NS/A
Art. VX 900NS/A

LOW COST CODELOCK UNITS

These low cost codelocks offer an effective solution employing the latest technology with high quality and low cost. The installed codelocks do not require any additional parts or accessories as they are supplied complete, with the surface or flush mounting box depending on the version.
The front plate is available in two different finishes: aluminium gold anodized (add "/G" to the product code when ordering) or silver anodized (add "/A").
All versions have 1 access code (add "/9" to the product code to order 9 code version) and are equipped with key-pad illumination lamp, with a call button (marked by the symbol 🔔) to operate an extension sounder Art.512A and equipped with 1 relay with C/NC/NO terminals and 1 relay command input.

Working Voltage:	12/24Vac/dc.
Working Temperature:	-10 +50°C.
Relay contacts:	24Vac/dc 3A

Art.	DESCRIPTION
VX810N	Codelock unit, 1 code, flush mounting.
VX810NS	Codelock unit, 1 code, surface mounting.

Art. VX 810N/G

Art. VX 810NS/A

Access control

LOW COST CODELOCK UNITS FOR INTERNAL USE

This range of codelocks provide an ideal solution where Access Control systems are for internal use (offices, laboratories etc.). The management circuitry is housed within the ABS codelock box and the keypad is of the tactile membrane type. The units are available for flush (requires a standard 503 back box not provided) or surface mounting. The colours available are dark grey for the surface version. With dark grey or white for the flush version. Flush versions can be ordered un-assembled to be painted (by the customer).
All versions are equipped with a relay having C/NC/NO terminals and two relay command inputs. Both relay command inputs operate the same relay, the first activates the relay as programmed (latching or timed) while the second alternates the relay state (latch).
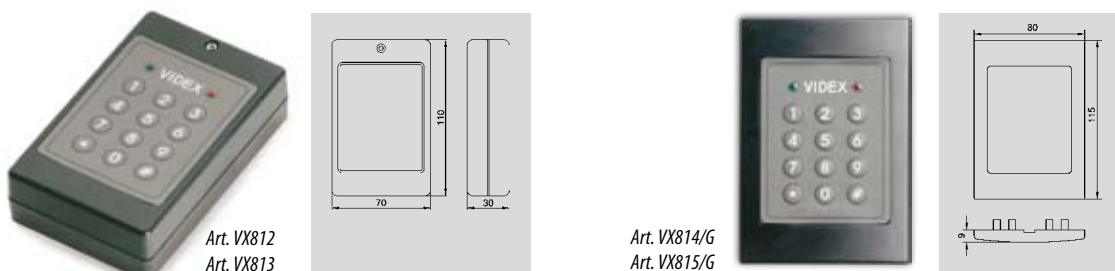
Working Voltage: 12Vac/dc
Working Temperature: -10 +50°C
Relay contacts: 24Vac/dc 3A

Art.	DESCRIPTION
VX812	Codelock unit, 9 codes, 1 relay, surface mounting colour dark gray.
VX814/W*	Codelock unit, 9 codes, 1 relay, flush mounting, colour white.
VX814/G*	Codelock unit, 9 codes, 1 relay, surface mounting, colour dark ray.

Art. VX812
Art. VX813

Art. VX814/G
Art. VX815/G

Painting of different colours shall be made by the customer: in this case order the unassembled version of the article. For the installation is required a standard 503 flush mounting box (not provided).

TWO ZONE LOW COST SELF CONTAINED ALARM SYSTEM

The two zone alarm is contained in the same size box as the low cost codelock units. With new firmware, the two zone alarm provides a basic low cost alarm offering ease of installation. The units are available for flush (requires a standard 503 back box not provided) or surface mounting.
Available colours are dark grey for surface versions and dark grey or white for flush versions. Flush version can be ordered un-assembled to allow painting for colour co-ordination (by the customer). The unit contains 1 relay with C/NC/NO contacts, 1 tamper switch and 1 "instant zone alarm input", 1 "delayed zone alarm input" (Timed entry and exit), 1 x 8 Ohms siren output. The unit employs a user friendly "Programming Menu" which allows the programming of up to 30 user defined access codes, duration of siren and relay activation from 1 to 99 minutes and timed exit/entry from 1 to 99 seconds. The alarm is ideal for use in stand alone applications ie, apartments, garages, sheds, stock rooms or as a caravan alarm system etc.

Working Voltage: 12Vac/dc
Working Temperature: -10 +50°C
Relay contacts: 24Vac/dc 3A

Art.	DESCRIPTION
VX813	Two zone alarm system, 30 codes,1 relay, surface mounting colour dark grey.
VX815/W*	Two zone alarm system, 30 codes,1 relay, flush mounting colour white.
VX815/G*	Two zone alarm system, 30 codes,1 relay, flush mounting colour dark grey.

CODE-LOCKS MODULES FOR 8000 SERIES MODULAR SYSTEM

These units have been designed to compliment the "Series 8000" audio and video modules. The units are available in 2 or 3 relay versions, with 2 or 100 code options and with optional keypad illumination lamp. All versions have 2 command relay inputs. Front plates are available in stainless steel (suffix the product code with /S) or aluminium (suffix the product code with /A).
Working Voltage: 12/24Vac/dc 1 VA.
Working Temperature: -10 +50°C
Relay contacts: 24Vac/dc 3A

Art.	DESCRIPTION
8800	Codelock module, 2 code/2 relay output.

Art.	DESCRIPTION
8900	Codelock module, 100 code/2 relay out put.

Art.8800
Art.8900

CODELOCKS MODULES FOR 4000 SERIES MODULAR SYSTEM

These units have been designed to compliment the "Series 4000" audio and video modules.
Are available in 4 different models: 3 for the standard line and 1 for the vandal resistant line. The modules for the standard line have the same look but can be identified by the number of built-in relays and managed access codes.
The Art.4801, having a serial RS-485 interface, offers the facility to be connected to the remote control units Art. VX1050 and Art.VX1052. Finishes as provided for 4000 Series modular system.
Working Voltage: 12/24Vac/dc 1 VA.
Working Temperature: -10 +50°C
Relay contacts: 24Vac/dc 3A

88
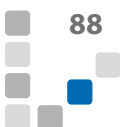
Art.	DESCRIPTION
4800	Codelock module 3 codes / 3 relays
4801	Codelock module up to 3.000 codes / 2 relays (RS-485 facility)
4900	Codelock module 100 codes / 3 relays
VR4KCLM	As Art.4800 but vandal resistant line

Art.VR4KCLM

Art.4800/A
Art.4801/A
Art.4900/A

105
120
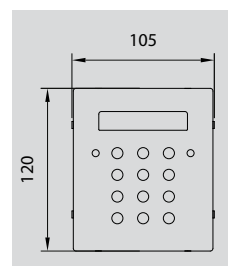
Access control

ACCESS CONTROL SYSTEMS USING SERIAL CODELOCKS

Serial codelocks offer a higher level of security against tampering than "stand-alone" codelocks.
The keypad is the input peripheral for the data which is processed by the remote sited control unit (normally installed in a secure area), to which the keypad is connected through a serial connection.
Greater security against tampering is achieved as the lock relays are housed within the remote sited control equipment.
The serial codelock units are powered from the control unit which houses the relays and stored access codes.

SERIAL CODELOCKS "SLIM SERIES"

The "Slim Series" codelocks are designed to be installed where space is limited.
The body of the codelock is manufactured from one piece die cast aluminium, which greatly improves the code-locks resilience to vandalism and misuse, giving increased reliability.
All models are for surface mounting and are available in either a square or rounded shape, with two different finishes: nickel (order adding "/N" to the product code) or gold (order adding "/G").
These codelock units must be connected to one of the following Videx Central Control Units: VX1000B, VX1010-1 or VX1010-2, depending on how many user codes or relay outputs are required.
Working temperature: -10 +50°C.

Art.	DESCRIPTION
VX1020/N	square shape, nickel colour
VX1020/G	square shape, gold colour
VX1021/N	rounded shape, nickel colour
VX1021/G	rounded shape, gold colour
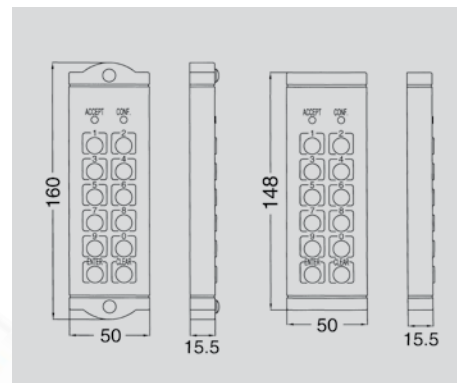
Art. VX 1021/G   *Art. VX 1020/N*

LOW COST SERIAL CODELOCKS

Having the same appearance as the "stand-alone" version, these are available for flush or surface mounting, with the front panels available in two different finishes: aluminium gold anodized (add "/G" to the product code when ordering) or aluminium silver anodized (add "/A" to the product code).Working temperature -10 +50°C.

Art.	DESCRIPTION

VX1011   Keypad module with serial connection compatible with the following Videx Control Units: VX1000, VX1000B, VX1010-1 or VX1010-2.

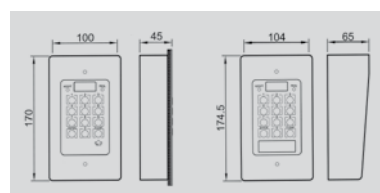**VX1011S** As above but surface mounting.


Art. VX 1011/G

Art. VX 1011S/A

SERIAL CODELOCK MODULES FOR 4000 SERIES MODULAR SYSTEM

These units have been designed to compliment the "Series 4000" audio and video modules. The Art.4801 can operate in stand-alone mode but having a serial RS- 485 interface, offers the facility to be connected to the remote control units Art.VX1050 and Art.VX1052. Finishes as provided for 4000 Series modular system
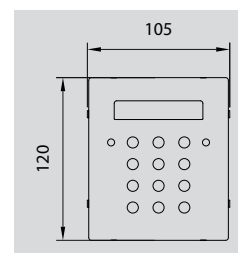Working Voltage: 12/24Vac/dc 1 VA.
Working temperature: -10 +50°C.
Relay contacts: 24Vac/dc 3A

90
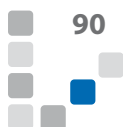
Art.	DESCRIPTION

4801   Codelock module up to 3000 codes / 2 relays (RS-485 facility)

Access control

CONTROL UNITS FOR SERIAL CODELOCKS

All serial codelock units require a remote VIDEX control unit.
Control Units are identified by memory capacity (number of access codes that can be stored), the number of relay outputs (with C/NC/NO contacts) and the operating mode. The control unit is programmed via the keypad to which it is connected. The programming allows for the storage of access codes and the setting of the relay operating times.
Access to the programming menu is password (PIN) code protected (maximum 8 digits) and can be customized by the end user.
Serial connection between units uses 3 standard wires with a maximum distance of 600mts.

Art.	CONTROL UNIT FEATURES

VX1010-1　Control Unit with door open/additional service function, with 1 access code, 1 relay output with the option to control up to 2 serial keypads in parallel using keypad types: VX1001, VX1011, VX1020 and VX1021.
Housed in a standard 5 module A type DIN box (87.50mm).
Working Voltage:　　12/24Vac/dc 2VA max.
Working temperature:　-10 +50℃.

VX1010-2　Control Unit with door open/additional service function, with 9 access codes and 2 relay outputs. The unit will control up to 2 serial keypads in parallel, using keypad types: VX1001, VX1011, VX1020 and VX1021.
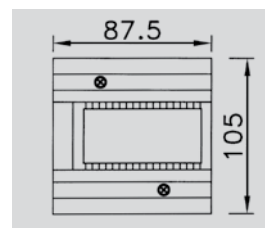Housed in a standard 5 module A type DIN box (87.50mm).
Working Voltage:　　12/24Vac/dc 2VA max.
Working temperature:　　-10 +50℃.

Art.VX 1010-2

ACCESS CONTROL SYSTEMS USING PROXIMITY KEY READERS

"VproX" control units are available in five different sizes, allowing greater flexibility in the design and implementation of access control systems. A system will include a control unit, one or more key reader, power supply and as many proximity keys as required. VproX" access control systems can be used from 1 door 20 user installation up to 20 main doors and 99 apartment doors with 4000 users.

Art.	PROXIMITY KEYS

All proximity keys use a 32 bit code (with over 4 billion combinations) and are available in two different formats: card and tags.

VX955/C　Proximity key built into a PVC card, badge size (ISO standard 85,6x54x0,76). Colour: gloss white, compatible for silk screen printing. 32 bit code and a reading distance up to 50mm (using Videx readers).

VX955/T　Proximity key built into a plastic key-holder (fob), diameter 36mm and thickness 5mm. Colour: grey, with Videx logo. 32 bit code and reading distance up to 20mm (using Videx readers).

91

Art.VX955/C

Art.VX955/T