

## 2009 Condensed Vehicle Security and Electronics Catalog

2009-V2A



### SECO-LARM®

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**ENFORCER®** Inside **Over 100** New Products for 2009 →



**CODEBUMP™ TOP-OF-THE-LINE VEHICLE ALARM****ENFORCER 640 PLUS**

*Uses CODEBUMP™ code-hopping technology to defeat "code grabbers." 3 auxiliary channels for controlling options. On-board relays for door locks, plus 16 programmable functions make installation simple.*

- ▶ 4-Channel Alarm Brain with CODEBUMP™ Technology.
- ▶ Two 4-Button "Icon" Remotes.
- ▶ Dual-Stage Electromagnetic Shock Sensor (Patented).
- ▶ Multi-Tone Siren and Horn-Honk.
- ▶ 7-Function LED.
- ▶ Multi-Function Valet Push Button.
- ▶ Built-in Flashing Parking Lights Relay.
- ▶ Built-in Door Lock Relays.
- ▶ Starter Disable Output.
- ▶ Domelight Supervision Output.
- ▶ 16 Programming Functions.
- ▶ Optional Plug-In Extended Range Antenna (SK-91ERSD) for Range up to 1,000 ft.

**Included**

- ▶ Two 4-button "icon" remotes.
- ▶ Patented dual-stage electromagnetic shock sensor.
- ▶ Multi-tone siren.
- ▶ 7-Function LED.
- ▶ Multi-function push button.
- ▶ Starter disable socket.
- ▶ Heavy-duty pin switch.

**FULL-FEATURED VEHICLE ALARM****ENFORCER 300L**

*Features built-in dual-stage glass break sensor (with remote microphone) and dual-stage shock sensor. Built-in starter disable relay and flashing light relay. Outputs for door lock/unlock and domelight supervision. Offers driver priority door unlock output and 2 auxiliary channels.*

- ▶ Miniature Alarm Brain.
- ▶ Two 3-Button Remotes.
- ▶ Dual-Stage Electromagnetic Shock Sensor (Patented).
- ▶ Dual-Stage Glass Break Sensor.
- ▶ Multi-Tone Siren.
- ▶ 5-Function LED.
- ▶ Multi-Function Push Button.
- ▶ Multiple Trigger Inputs.
- ▶ Built-in Flashing Parking Lights Relay.
- ▶ Door Lock Outputs (+ or -).
- ▶ Built-in Starter Disable Relay.
- ▶ Domelight Supervision Output.
- ▶ Multiple Programming Functions.

**Included**

- ▶ Two 3-button remotes.
- ▶ Patented dual-stage electromagnetic shock sensor.
- ▶ Remote microphone for built-in dual-stage glass break sensor.
- ▶ Multi-tone siren.
- ▶ 5-Function LED.
- ▶ Multi-function push button.

## ENTRY-LEVEL VEHICLE ALARM

### ENFORCER 100LB

*Entry-level alarm system that comes with the features most consumers require. Built-in flashing light relay. Outputs for door lock/unlock and starter disable. Includes 2-stage shock sensor.*

- ▶ Miniature Alarm Brain.
- ▶ Two 4-Button "Icon" Remotes.
- ▶ Over 68 billion ( $6.8 \times 10^{10}$ ) possible codes.
- ▶ Dual-Stage Electromagnetic Shock Sensor (Patented).
- ▶ 128dB Multi-Tone Siren.
- ▶ 5-Function LED.
- ▶ Multi-Function Push Button.
- ▶ Instant Triggering.
- ▶ Built-in Flashing Parking Lights Relay.
- ▶ Door Lock Outputs.
- ▶ Starter Disable Output.
- ▶ Multiple Programming Functions.

#### Included

- ▶ Two 4-button "icon" remotes.
- ▶ Patented dual-stage electromagnetic shock sensor.
- ▶ Multi-tone siren.
- ▶ 5-Function LED.
- ▶ Multi-function push button.



## ANTI-CARJACK VEHICLE ALARM

### ENFORCER 200H

*Anti-carjack system helps protect car owner by letting carjacker drive away before activating. Includes 2nd channel RF output and flashing parking light relay. Outputs for door lock/unlock, and starter disable.*

- ▶ Miniature Alarm Brain.
- ▶ Two 2-Button, 2-Channel Remotes.
- ▶ Over 68 billion ( $6.8 \times 10^{10}$ ) possible codes.
- ▶ On-Board Dual-Stage Electromagnetic Shock Sensor (Patented).
- ▶ Multi-Tone Siren.
- ▶ 6-Function LED.
- ▶ Multi-Function Push Button.
- ▶ Instant Triggering.
- ▶ Built-in Flashing Parking Lights Relay.
- ▶ Door Lock Outputs (+ or -).
- ▶ Starter Disable Output.
- ▶ Programmable Anti-Carjack.
- ▶ Multiple Programming Functions.

#### Included

- ▶ Two 2-button remotes.
- ▶ Patented dual-stage electromagnetic shock sensor built in (fully adjustable).
- ▶ Multi-tone siren.
- ▶ 6-Function LED.
- ▶ Multi-function push button.
- ▶ Carjack function toggle switch.





## KEYLESS ENTRY/ALARM SYSTEM

### ENFORCER SLI 840

*Slimline "icon" style remotes help customers quickly learn the unit's operation. Can be used as a deluxe keyless entry or a full-featured alarm. Port for dual-stage shock sensor plus both siren and horn honk outputs make this system extremely versatile.*

- ▶ Miniature Alarm Brain.
- ▶ Two 4-Button, "Icon" Remotes.
- ▶ Plug-in Port for Optional Sensors.
- ▶ Multi-Tone Siren and Horn-honk outputs.
- ▶ 7-Function LED.
- ▶ Multi-Function Push Button.
- ▶ Flashing Parking Lights (- output).
- ▶ Door Lock Outputs (+/- reversing).
- ▶ Starter Disable (- output).
- ▶ Domelight Supervision (- output).
- ▶ 13 Programming Functions.



## FACTORY KEYLESS ENTRY UPGRADE

### ENFORCER SLI 820R

*The SLI 820 connects to most vehicles' factory keyless entry systems. It provides a low-cost yet effective security system which is armed and disarmed using the customer's existing OEM remotes.*

- ▶ Easily turns most factory keyless entry systems into complete security systems.
- ▶ Uses the vehicle's OEM remotes to arm and disarm system.
- ▶ Automatically learns the polarity of the vehicle's door locks for simple installation.
- ▶ Includes dual-stage electromagnetic shock sensor.
- ▶ Built-in parking light relay.
- ▶ Starter disable output.
- ▶ Push-button included for valet and emergency disarm.
- ▶ Status LED.
- ▶ Siren (+) and horn (-) outputs.
- ▶ 5 instant-triggering zones.
- ▶ 3 Programmable functions.



## BASIC KEYLESS ENTRY

### ENFORCER SLI 830

*This stand-alone keyless entry system makes installation simple, with on-board relays for doorlocks and domelight supervision.*

- ▶ Two "Icon" remotes with up to 200 feet range:
- ▶ On-board relays for Lock and Unlock.
- ▶ On-board relay for choice of Domelight Supervision or Parking Light Confirmation:
- ▶ Programmable door lock timing (0.5 sec. / 3.5 sec.).



## SELF-CONTAINED ALARM SYSTEM

### CBA 33

*An easy-to-install, self-contained vehicle security system built within a miniature 3-1/2" x 3-1/2" siren. Install in a vehicle with as few as 3 wires. Outputs for LED and starter disable. On-board is a patented 2-stage electromagnetic shock sensor. With battery backup capability.*

- ▶ Self-contained, all-in-one design.
- ▶ Two 2-button remotes.
- ▶ Complete vehicle protection.
- ▶ On-board dual-stage shock sensor (patented).
- ▶ Built-in, high-output siren.
- ▶ 5-Function LED included.
- ▶ Emergency Disarm/Valet.
- ▶ Instant triggering.
- ▶ Reliable current sensing.
- ▶ Backup battery capability.
- ▶ Extremely easy installation.
- ▶ Low power consumption.



## PASSIVE PROXIMITY IMMOBILIZER

### SLI® 761PP-ISS

*The SLI 761PP-ISS Passive Proximity Immobilizer combines high security with completely passive arming and disarming. Just attach the mini controller to the key chain. Each time the driver turns the ignition on to start the engine, the immobilizer automatically reads the controller, disarms, turns off the flashing LED, and allows the vehicle to start. This makes the SLI 761PP-ISS the most advanced and convenient vehicle security system ever!*

- ▶ Code learning, with Master Dealer Controllers.
- ▶ Two controllers included with each unit.
- ▶ Immobilization of two electrical circuits.
- ▶ Output for third immobilization circuit (relay required).
- ▶ Fully automatic arm and disarm.
- ▶ Unique security code for valet/override mode.
- ▶ Flashing status LED.
- ▶ Mini tamper-proof housing with all black wires.
- ▶ Installer test mode to help locate the best mounting position for the main brain's transceiver coil.



## TOUCHKEY IMMOBILIZER

### SLI® 760FP-ISS

*The SLI 760FP-ISS Touchkey Immobilizer combines high security with the convenience of completely passive arming. To arm, turn off the ignition. 30 seconds later, up to two of the car's electrical circuits are disabled. To disarm the system, insert the Touchkey momentarily into the Touchkey receptacle. The vehicle must be started within 30 seconds or the Immobilizer will rearms.*

- ▶ Code learning, with Master Touchkey Controllers.
- ▶ Two Touchkeys included with each unit.
- ▶ Handsomely crafted backlit receptacle.
- ▶ Immobilization of up to two electrical circuits.
- ▶ Fully automatic arming 30 seconds after ignition is turned off.
- ▶ Unique security code for valet/override mode if Touchkey is lost or stolen.
- ▶ Flashing status LED.
- ▶ Mini tamper-proof housing with all black wires.



## VEHICLE PAGER SYSTEM

### SECOPAGE™ 35EV

#### *Transmitter:*

- ▶ Monitors up to 2 zones per vehicle, plus manual paging.
- ▶ Manual paging button included.
- ▶ Connect to nearly any type of vehicle alarm.
- ▶ Miniature size: Easily concealed inside car.
- ▶ Positive and negative instant triggers.
- ▶ Range up to 2 miles, depending on environment, installation, and/or antenna (use CB, car AM radio, or optional strip antenna).
- ▶ Strip antenna sold separately (E-35ANT).
- ▶ Over 1 million possible coding combinations.
- ▶ Automatic power antenna control.

#### *Belt-clip Receiver:*

- ▶ One vibrating receiver included with each system.
- ▶ Code learning receiver learns the codes of up to 3 transmitters.
- ▶ Alphanumeric display indicates which zone (1, 2, or manual) of which vehicle (A, b, or C) was triggered.
- ▶ EEPROM stores codes up to 1 year without power.
- ▶ 6-page memory.
- ▶ Unattended page indicator.
- ▶ Low battery indicator (2 AAA batteries not included).
- ▶ Additional receivers sold separately (models E-35RD and E-35RV).



## SIRENS

### SH-532L

- ▶ 3-tones.
- ▶ 128dB multi-tone.
- ▶ Miniature size, 4" long, 3½" diameter.
- ▶ 6-12VDC, 1.4A current drain.



### SH-715

- ▶ Back-up battery siren.
- ▶ 120dB single-tone siren.
- ▶ Negative & positive trigger inputs.
- ▶ Backup battery can sound siren about 30 minutes, fully recharges in about 10 hours.
- ▶ Key switch for OFF, TEST, and ON modes.
- ▶ Includes 2 keys, rechargeable batteries.
- ▶ In the "ON" mode, the siren charges the battery and will sound immediately if the alarm is triggered or if the siren's main power line is disconnected.
- ▶ Miniature size, 3½" long, 3½" diameter.
- ▶ 6-12VDC, 1.2A current drain.



## PIN SWITCHES

### SS-066TL

- ▶ European-style pin switch with nylon/fiberglass shaft and brass body.
- ▶ Adjustable for different heights.



### SS-061LSN

- ▶ Patented heavy-duty long steel body with nylon fiberglass shaft and stainless steel contact terminal.
- ▶ Designed so terminal is always secure.
- ▶ Included with certain ENFORCER alarms.



## MICROWAVE SENSOR

### SLI® 259A

- ▶ Ideal for vehicles with cloth or open tops, or open sunroofs.
- ▶ Dual-stage protection - Chirps siren if exterior zone violated (someone gets too close to car), triggers alarm if interior zone is violated (break-in or vandalism attempt).
- ▶ Modular plug for fast installation.



## GLASS-BREAK SENSOR

### SS-051ME

- ▶ Includes remote microphone with 3' long cable for easy mounting & concealment inside the car.
- ▶ Dual-stage protection - Chirps siren on light tap of window, triggers alarm on break-in.
- ▶ Modular plug for fast installation.



## DUAL-STAGE SHOCK SENSOR

### SS-052B

- ▶ Dual-stage electromagnetic shock sensor (patented).
- ▶ Dual-stage protection - Chirps siren if car lightly tapped, triggers alarm on break-in or vandalism attempts.
- ▶ Modular plug for fast installation.



## "Y" CONNECTOR

### SR-199-315

- ▶ Lets multiple dual-stage sensors connect to one vehicle alarm.
- ▶ Saves installation time.
- ▶ Works with the SLI 259A, SS-052B, and SS-051ME.



## DOOR LOCK MOTOR

### SR-5202-ME

- ▶ Add power door lock convenience to cars without factory power door lock systems.
- ▶ 2-wire (slave) door lock motor.



## DOOR LOCK INTERFACE

### SR-5201R/SR-5203A

- ▶ Allows nearly any alarm to control nearly any type power door lock/unlocks.
- ▶ Includes 2 pre-wired, built-in, heavy-duty 30A relays with protecting diodes and spike/noise suppressors.
- ▶ Negative lock/unlock signal inputs.
- ▶ **SR-5201R** - For alarms with specific separate negative lock/unlock signal outputs. No built-in timer - depends on alarm system for lock/unlock timing.
- ▶ **SR-5203A** - For alarms with no specific lock/unlock signals. One-or two-wire input. Built-in programmable (0.7/3.5-sec.) timer. Lock signal priority if lock and unlock signals received at same time.



## POWER WINDOW MODULES

### SR-5220A /SR-5440A

- ▶ Compatible with most power window systems. Works off momentary or constant ground trigger.
- ▶ System override if ignition is turned on, doors unlocked, or any door opened.
- ▶ Interfaces with all ENFORCER RF alarm systems.
- ▶ **SR-5220A** 2-Window module.
- ▶ **SR-5440A** 4-Window module.



## TRUNK RELEASE

### SR-5911

- ▶ Add power trunk release to cars without factory-installed systems.
- ▶ Connect via relay to any alarm's auxiliary channel output.



## LIGHT FLASHING RELAY

### SR-5102-PW

- ▶ Flashes car's lights or honks horn when the siren chirps or sounds.
- ▶ Pre-wired relay with two 15A outputs, for flashing lights in any car, including dual-circuit European systems.
- ▶ Connects to any alarm's siren output.
- ▶ 5 wires, programmable 30 or 60 flashes/minute, programmable for instant (for lights) or delay (for horns) output.



## BACKUP BATTERY SYSTEM

### SR-5209 & X-UBA-UB1270

- ▶ Supplies power to alarm if car's main battery is destroyed or drained, or if main power line is cut.
- ▶ Triggers the siren if the alarm's power is cut.
- ▶ Chirps siren if car's headlights are left on after engine shut off.
- ▶ Automatically charges backup battery (battery not included).
- ▶ Backup battery does not drain when car is running, and is not affected by road vibration.
- ▶ **X-UBA-UB1270** - 7 Amp hour battery for use with the SR-5209. (SR-5209 and X-UBA-UB1270 are sold separately.)



## RELAY

### X-187-037SC

- ▶ SPDT, 12V, 30A/40A heavy-duty automotive relay.
- ▶ For starter disable, flashing lights, door locks, trunk release, more.



## RELAY SOCKET

### SR-5150-C

- ▶ Sealed on bottom with water-resistant rubber grommet.
- ▶ Pre-wired (5 wires) for 1 SPDT relay (relay not included).
- ▶ For open- or closed-circuit operation.





## RF Transmitters

### SK-919TD1S-UP

- ▶ Use with all SECO-LARM receivers.
- ▶ Up to 500 ft. range. 315MHz.
- ▶ Over 68 billion ( $6.8 \times 10^{10}$ ) possible codes.
- ▶ LED transmission indicator.
- ▶ Includes 12VDC alkaline battery.



### SK-919TD2A-UP

- ▶ Use with all SECO-LARM receivers.
- ▶ Up to 500-ft. range. 315MHz.
- ▶ Over 68 billion ( $6.8 \times 10^{10}$ ) possible codes.
- ▶ LED transmission indicator.
- ▶ Includes 12VDC alkaline battery.



### SK-919T3J

- ▶ 3-button ultra-slim-line design transmitter.



### SK-919T4J

- ▶ 4-button ultra-slim-line design transmitter.



### SK-917T4J

- ▶ 4-button CODEBUMP anti-codegrabbing transmitter.



### CBA 19TD2

- ▶ 2-button transmitter for CBA 33.



### SK-915BA

- ▶ 12VDC alkaline battery for all SECO-LARM transmitters.



### SK-915LP

- ▶ Leather Pouch for SK-919TD1S-UP.



## RF Receivers

### SK-910R

11 to 24 VAC/VDC operation,  
10A @ 24VDC relay output.



- ▶ Control garage doors, house lights, alarm panels, or other devices via remote.
- ▶ Compatible with all SECO-LARM transmitters.
- ▶ Output is programmable for 4-sec. momentary (default), 1-sec. momentary, toggle, or validity.
- ▶ LED indicates RF reception, learn mode entered, transmitter learned, memory cleared.

### SK-910R2

11 to 24 VAC/VDC operation, 2 x 10A @ 24VDC relay outputs.



- ▶ Control garage doors, house lights, alarm panels, or other devices via remote.
- ▶ Compatible with all SECO-LARM transmitters.
- ▶ Outputs are programmable for 4-sec. momentary (default), 1-sec. momentary, toggle, or validity.
- ▶ Two LEDs indicate RF reception, learn mode entered, transmitter learned, memory cleared.

### SK-910R4

11 to 24 VAC/VDC operation,  
4 x 10A @ 24VDC relay outputs.



- ▶ Control garage doors, house lights, alarm panels, or other devices via remote.
- ▶ Compatible with all SECO-LARM transmitters. Outputs are programmable for timed, toggle, latching, or validity modes.
- ▶ Four LEDs indicate RF reception, learn mode entered, transmitter learned, memory cleared.

## Extended Range Antenna

### SK-91ERSD - 1,000 ft. max. range



- ▶ Extend range for SECO-LARM RF receivers.
- ▶ Plugs into receiver.
- ▶ Includes 9 ft. cable.

## RF Wireless Controls

### SK-919TP2D-P

2-Button Desktop Transmitter



### SK-919TP2D-F

2-Button Footswitch Transmitter



- ▶ For remote activation of locks, cameras, etc. from a desk or other location.
- ▶ Use in offices, factories, etc.
- ▶ Portable – Easily moves from one location to another.
- ▶ Attractive heavy-duty aluminum case.
- ▶ Up to 500 ft. range.
- ▶ Includes rechargeable battery and power adapter.
- ▶ Compatible with all SECO-LARM 315MHz receivers.

## Slimline Handheld RF Transmitters

### SK-919TP1H-BU -- 1 Button

### SK-919TP2H-NU -- 2 Buttons

### SK-919TP4H-NU -- 4 Buttons

- ▶ Rubber buttons eliminate damage caused by electrostatic discharge. Gold-plated battery clips and contact points extend the life of the transmitter.
- ▶ Operates up to 500 ft. (150m).
- ▶ Includes two 3VDC lithium batteries and visor clip.
- ▶ Compatible with all SECO-LARM receivers.
- ▶ Slimline design:  $3\frac{1}{2}'' \times 2\frac{3}{16}'' \times \frac{1}{2}''$  (89 x 56 x 12 mm).



### SK-9HBC

Belt-clip holster for slimline handheld transmitters.

### X-930-089

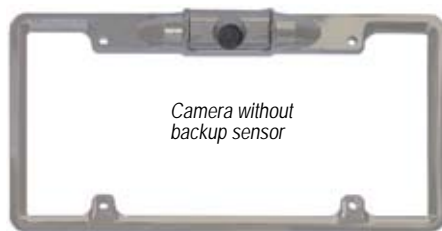
3VDC Lithium Battery for handheld transmitters.



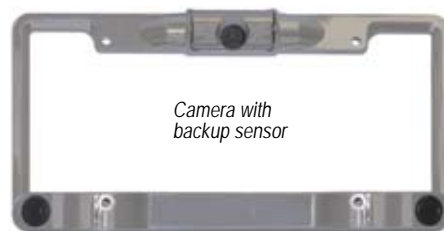
## License Plate Backup Camera

Four versions available: Camera Only, Camera with Backup Sensors, Wired, Wireless Version.

- ▶ Stylish heavy-duty chrome plated frame, complements any vehicle.
- ▶ Wide angle lens. Adjustable angle on the camera (up and down).
- ▶ Backup sensor version has 2 backup sensors to detect people, pets or other objects. Audio alarm included.
- ▶ Wireless version frequency is 350MHz.



Camera without backup sensor



Camera with backup sensor

Wired Camera without backup sensor, or Wireless Camera without backup sensor

Wired Camera with backup sensor, or Wireless Camera with backup sensor

## Flush-Mount Mini Vandal Dome

- ▶ Low profile design for vehicle interior installation.
- ▶ Rugged vandal resistant construction.
- ▶ 1/3" Sony CCD 420 TV Lines.
- ▶ Lens rotates to obtain the perfect angle.



## Flush-Mount IR Backup Camera

- ▶ Weatherproof and vandal proof.
- ▶ 9 IR LED's for 0 LUX operation.
- ▶ Auto Gain Control (AGC).
- ▶ Auto White Balance.
- ▶ Back Light Compensation (BLC).



## Flush-Mount Ball Color Camera

### EV-122C-FVB3Q (White Case)

- ▶ True Day/Night operation.
- ▶ 1/3" Sony Super HAD CCD.
- ▶ 0.1 lux. ▶ 420 TV Lines.
- ▶ Lens rotates for ceiling or wall mount.
- ▶ 3.7mm Pinhole Lens.
- ▶ E-122C-FVA3Q (silver case) also available.



## 21-LED IR Mini Vandal Color Dome

### EV-122C-DVC3

- ▶ Vandal resistant case.
- ▶ Wall or ceiling mount.
- ▶ 1/3" Sony CCD.
- ▶ 420 TV Lines, 3.6mm lens.
- ▶ 21 IR LEDs. 50 ft. range.
- ▶ Weatherproof for outdoor use.
- ▶ Mini size: 3" x 4 1/4".
- ▶ Non-IR version available: EV-122C-VWA3



## Mobile DVR



The SECO-LARM 8-Channel MDVR (Mobile Digital Video Recorder) is an intelligent MPEG-4 MDVR specifically developed to meet the rigorous requirements of a transportation surveillance system. Built with an anti-vibration mechanical structure, the SECO-LARM MDVR also incorporates robust electronic components for operating in a wide range of harsh environments.

The SECO-LARM MDVR incorporates many necessary features for vehicle applications in addition to the general surveillance functions offered by a regular DVR. Users can locate the vehicle's position and record the speed and route of the trip by plugging a GPS receiver into the RS-232 port, and/or wirelessly send messages out with a GSM transceiver connected through the USB interface.

- ▶ 8 Video inputs.
- ▶ 8 Alarm channels for event logging.
- ▶ Power input: 9-30 VDC, 4A.
- ▶ Power output: 12VDC, 2.5A used for powering additional accessories.
- ▶ VGA and S-Video monitor outputs.
- ▶ Stereo audio in and audio out jacks (RCA).
- ▶ Network port (standard RJ-45 Ethernet port).
- ▶ Supports DHCP and PPPoE.

- ▶ Triplex+ Operation: Live, Record, Playback, Network.
- ▶ Per channel configuration.
- ▶ Multi-language support.
- ▶ Digital zoom 2x2.
- ▶ Supports pre-alarm recording
- ▶ SECO-Remote™ for remote monitoring.
- ▶ Export AVI file for Microsoft® Media Player.
- ▶ Supports GPS for route tracking
- ▶ Supports GSM for sending short message.
- ▶ Ideal for:
  - Taxis
  - School Buses
  - Public Transit Vehicles
  - Cash Collection Vehicles
  - Delivery Vehicles
- ▶ Built-in Network Attached Storage (NAS) port (standard RJ-45 Ethernet port).
- ▶ 3 USB 2.0 ports
- ▶ Removable HDD Cartridge (Supports 1 x 2.5" SATA HDD).
- ▶ RS-232C and RS-485 ports.
- ▶ NTSC/PAL compatible.
- ▶ On-Screen display (OSD) for setup.



## CBA Series Dummy Cameras

### VD-10BNA

*Dummy Box Camera*



- Realistic box camera with battery-powered LED to give it an authentic look.
- Includes video/power cable (one cable).
- Requires 2 AAA batteries.
- Constructed of strong ABS plastic.

### VD-10BN

*Dummy Security Camera*



- A realistic camera with a battery-powered LED to give it an authentic look.
- Includes video and power cable.
- Indoor/outdoor use.
- Metal mounting bracket included.
- Requires 2 AA batteries.
- Weatherproof metal housing constructed of aluminum.

### VD-20NN

*Dummy Dome Camera*



- Incorporates a realistic camera module to give it an authentic look.
- Constructed of strong ABS plastic.

### VD-10PL

*Dummy IR Bullet Camera with Real Working IR LEDs.*



- For deterring crime at home, in an office, in a parking lot, and around playgrounds.
- IR LEDs turn on automatically in the dark and turn off in light.
- Requires optional power adapter for LEDs.

### VD-30BS

*Dummy IR Bullet Camera*



- A realistic camera with a video/power cable to give it an authentic look.
- Metal mounting bracket included.
- Battery-powered LED.
- Requires 2 AA batteries.
- Constructed of strong ABS plastic.

### VD-40BN

*Dummy PTZ Speed Dome*



- A realistic camera with a battery-powered LED to give it an authentic look.
- Indoor/outdoor use.
- Weatherproof ABS plastic housing.
- Metal wall mount bracket included.
- Requires 2 AA batteries.
- Threaded conduit fittings allow for extended mounting.

### VB-HC1

*Ceiling Mount Bracket for PTZ Speed Dome*



- For real or dummy PTZ speed dome cameras.
- 9" pipe with hole for easy access to wires.
- Threaded conduit fittings.

## Dummy Keypad



### KD-100Q

- Keypad LEDs flash.
- Keypad "beeps" when keys are pressed.
- Weather-resistant for outdoor use.
- Uses 2 or 4 (AAA) batteries.

## 2009 SECO-LARM Catalog

The 2009 SECO-LARM Burglar Alarm Catalog is now available.

To order a copy or to be put on our mailing list, e-mail us at [info@seco-larm.com](mailto:info@seco-larm.com), fax us at (949) 261-7326 or call us at (800) 662-0800 or (949) 261-2999 for California or International.

## Video Baluns

SECO-LARM video baluns are the fast, easy, and low-cost way to connect a CCTV camera to a monitor, multiplexer, or video recorder using low cost Cat5e/6 cable.

Two video baluns are normally used, one on each end of a pair in the Cat5e/6 cable. A Cat5e/6 cable has 4 pairs of wire inside, so 4 channels of video information can be carried on a single Cat5e/6 cable.

All SECO-LARM passive video baluns transmit the video signal of a single CCTV camera long distances over low-cost Cat5e/6 (or better) unshielded twisted pair (UTP) cable.

## Passive Video Baluns

### EVT-PB1Q

- ▶ Gold-plated BNC connector.
- ▶ Screwless terminal block for easy installation.
- ▶ Transmit range: 2,000 ft. B/W, 1,300 ft. color.



### EVT-PBP-V1TQ

- ▶ 6-inch BNC pigtail connector.
- ▶ Gold-plated BNC connector.
- ▶ Screw terminals for reliable installation.
- ▶ Transmit range: 2,000 ft. B/W, 1,300 ft. color.



### EVT-PB1-V1TSQ

- ▶ Built-in surge protection.
- ▶ Gold-plated BNC connector.
- ▶ Screw terminals for reliable installation.
- ▶ Transmit range: 2,000 ft. B/W, 1,300 ft. color.



### EVT-PB1-V1TGQ

- ▶ Gold-plated BNC connector.
- ▶ Built-in ground loop isolation.
- ▶ Removable terminal block.
- ▶ Built-in surge protection.
- ▶ Transmits B/W signal up to 980 ft.



## Snap-In Passive Video Baluns

### EVT-PBM-V17Q

- ▶ Male gold-plated BNC, fits a 9/16" x 5/8" hole in a single-gang plate.
- ▶ Transmit range: Up to 2,000 ft. (610m).
- ▶ RJ-45 connector.



### EVT-PBM-V27Q

- ▶ Female gold-plated BNC, fits a 9/16" x 5/8" hole in a single-gang plate.
- ▶ Transmit range: Up to 2,000 ft. (610m).
- ▶ RJ-45 connector.



## Passive Video, Power, Data (VPD) Balun

### EVT-PB1-31RQ

- ▶ Transmits a monochrome video signal up to 2,000 ft. (610m) or color up to 1,300 ft. (400m).
- ▶ Transmits video, power, and data over Cat5e/6.
- ▶ Built-in dual-color LED indicates power and polarity.
- ▶ Removable terminal blocks.



### EVT-PB1-318Q

- ▶ Same as EVT-PB1-31RQ, but with RJ-45 connector instead of terminal block.

## Passive VPD\* Balun w/ Voltage Converter

### EVT-PB1-L05Q

- ▶ 2,000 ft. (610m) video range.
- ▶ Built-in power converter converts 24VAC to 12VDC (0.5A).
- ▶ Video, power and data over Cat5e/6.
- ▶ Gold-plated BNC connector.
- ▶ Built-in dual-color LED indicates power and polarity.
- ▶ Built-in DC-plug power connector and data wire.



## Passive VPD\* Balun w/ Voltage Booster

### EVT-PB1-H05Q

- ▶ 2000 ft. (610m) video range.
- ▶ Built-in voltage booster.
- ▶ Compensates DC voltage drops over long cable runs.
- ▶ Input voltage: 7-24 VDC.
- ▶ Output voltage: 12 or 24 VDC jumper selectable ranges. Vernier adjustment within each range.
- ▶ Output current: 500mA @ 12/24 VDC.
- ▶ Video, power and data over Cat5e/6.
- ▶ Gold-plated BNC connector.
- ▶ Built-in dual-color LED indicates power and polarity.
- ▶ Built-in DC-plug power connector and data wire.



## Passive VPD\* Balun w/ Ground Loop Isolator

### EVT-PB1-31RGQ

- ▶ Video, power, and data over Cat5e/6.
- ▶ Built-in ground loop isolator to prevent grounding interference.
- ▶ Built-in dual-color LED indicates power and polarity.



\*VPD – Video, Power, and Data.

## PCI Balun Hub Cards - 4-Port

### EVT-PC4-VT2Q

4-Port Video Balun Card

- ▶ Connects up to 4 CCTV cameras (per PCI card) to a central location using low-cost Cat5e/6 UTP cable.
- ▶ Range: Up to 2,000 ft. (610m).
- ▶ Simplifies and organizes PC-based DVRs.
- ▶ Works with all SECO-LARM passive video baluns.
- ▶ Feeds camera signals to nearly any standard DVR.
- ▶ Video card is passive – no power required.



### EVT-PC4P-JTQ

4-Port Power Distribution Card

- ▶ Optional power distributor card.
- ▶ Includes a 12VDC, 4A power adaptor.
- ▶ Tri-Color LED indicates polarity and power present.
- ▶ Removable terminal blocks for easy installation.



## PCI Balun Hub Cards - 8-Port

### EVT-PC8-VTDQ

8-Port Video Balun Card

- ▶ Connects up to 8 CCTV cameras (per PCI card) to a central location using low-cost Cat5e/6 UTP cable.
- ▶ Range: Up to 2,000 ft. (610m).
- ▶ Simplifies and organizes PC-based DVRs.
- ▶ Works with all SECO-LARM passive video baluns.
- ▶ Feeds camera signals to nearly any standard DVR.
- ▶ Video card is passive – no power required.



### EVT-PC8P-JTQ

8-Port Power Distribution Card

- ▶ Includes a 12VDC, 6A power adaptor.
- ▶ Tri-Color LED indicates polarity and power present.
- ▶ Removable terminal blocks for easy installation.



**BNC to VGA Converter****VC-1BAQ**

New

- Converts almost any LCD monitor into a security monitor.
- NTSC or PAL input.
- Video input auto-configure.
- On screen display (OSD) functions: color, contrast, and brightness.
- Compact size, perfect for plug & play installation.
- Desktop or wall mountable.
- Input connector: BNC.
- Output connector: VGA (DB15 VGA connector).
- Output: NTSC: 640 x 480, PAL: 768 x 576.
- Power: 300mA @ 5VDC.
- Dimensions: 5<sup>3</sup>/<sub>4</sub>" x 2<sup>5</sup>/<sub>8</sub>" x 1<sup>1</sup>/<sub>16</sub>" (145 x 67 x 27 mm).
- Power adapter included.

**Video Amplifiers****VA-2101B-WQ (1 Input, 1 Output)**

New

**VA-2404B-WQ (4 Inputs, 4 Outputs)**

*The ENFORCER Video Amplifiers are the ideal way to boost the strength of video signals. Using the included 12VDC power adapter, video signals are amplified for transmission distances of up to 3,280 ft. (1,000m). Brightness and sharpness adjustments can be made independently for each channel to provide fine tuning of video signals.*

- Compatible with both color and B/W signals.
- Transmission distance up to 3,280 ft. (1,000m).
- Connect to a video camera, multiplexer, DVR, and so on.
- Sharpness and brightness adjustment for each channel.
- 12VDC power adapter included.
- 10dB adjustable image gain.

**Video Distributors****VA-1102B-WQ (1 Input, 2 Outputs)**

New

**VA-1104B-WQ (1 Input, 4 Outputs)**

- Distributes single video input to multiple video outputs.
- Compatible with color or black/white signals.
- NTSC or PAL compatible.
- Connect to video camera, multiplexer, VCR, DVR, etc.
- LED to indicate power.
- Power: 12VDC or 24VAC.
- Power adapter included.

**Pigtail Connectors****EVA-F5521-T**

Black/Red Wires

- DC plug with screw terminals.

**EVA-F5521-3**

- DC plug pigtail connector, 3 ft.

**EVA-M5521-3**

- DC jack pigtail connector, 3 ft.

**CCTV Microphone****VM-101Q**

New

*The ENFORCER CCTV Microphone is the ideal way to add sound pickup to existing camera installations. The microphone is used in DVR-based systems to record audio along with the video.*

- Omni-directional pickup pattern.
- RCA jack for audio output.
- 12VDC Jack for power. Use a splitter (CA-1526-1FQ) to provide power to both camera and microphone.

**CCTV Accessories****CA-161R**

- DC plug to terminal block.



New

**EVA-CB0R1Q**

- BNC-to-RCA Connector.
- Gold-plated connectors.

**EVA-WB0B1-08**

- 6" Male-to-Female BNC connector.
- Gold-plated BNC connector.

**CA-171T-02Q**

- RJ-45 Male to Terminal Block with 2" cable.



New

**CA-1616-Q**

- DC Plug-to-Plug Adapter.



New

**CA-1515-Q**

- DC Jack-to-Jack Adapter.



New

**CA-1526-1FQ**

- DC Jack to Double DC Plug, 1 ft. Wires.



New

**CA-1536-1FQ**

- DC Jack to Triple DC Plug, 1 ft. Wires.



New

**Snap-In DC Connectors****CA-161T-02SQ**

- DC Plug to Terminal Block, 2.5" Wire.



New

**CA-151T-02SQ**

- DC Jack to Terminal Block, 2.5" Wire.



New



## Illuminated Power Connectors

SECO-LARM's Illuminated Power Connectors make troubleshooting CCTV or other 12VDC or 24VAC equipment easy. A quick glance at the built-in multi-colored LED prevents damage to the equipment by warning of incorrect voltage or polarity. Available as either a plug or a jack, the Illuminated Power Connectors are perfect for nearly every installation, including CCTV, access control, or any other low voltage (5-30 VAC/VDC) device.

### CA-1610-3FLQ\*

- ▶ DC Plug, 3 ft. wire with LED.
- ▶ LED indicates power and polarity.



Patent pending

### CA-1510-3FLQ\*

- ▶ DC Jack, 3 ft. wire with LED.
- ▶ LED indicates power and polarity.



### CA-1615-06LQ\*

- ▶ DC Jack to Plug, 6" wire, with LED.
- ▶ LED indicates power and polarity.



## Snap-In DC Connectors with LED

### CA-161T-02SLQ\*

- ▶ DC Plug to Terminal Block, 2.5" wire.
- ▶ LED indicates power and polarity.



New

### CA-151T-02SLQ\*

- ▶ DC Jack to Terminal Block, 2.5" wire.
- ▶ LED indicates power and polarity.



New

## Voltage Converters

### ST-LA105-TTQ (0.5A)

### ST-LA110-TTQ (1.0A)



New

- ▶ Converts 12/24 VAC/VDC to a regulated 5/12/24 VDC output (adjustable).
- ▶ Input voltage: 12/24 VDC/VAC.
- ▶ Output voltage: 5/12/24 VDC (selectable & adjustable).
- ▶ Small size for easy installation.
- ▶ Input power LED indicator.
- ▶ Multi-color LED indicates output voltage.
- ▶ Terminal block connections for secured wiring.

### Operating Voltages

Input Voltage	Output Voltage
8-30 VDC/VAC	→ 5VDC
15-30 VDC/VAC	→ 12VDC
24-30 VDC/VAC	→ 24VDC

## Voltage Booster

### ST-HB105-TTQ



New

- ▶ Compensates for DC voltage drops over long cable runs.
- ▶ Input voltage: 7-24 VDC
- ▶ Output voltage: 12 or 24 VDC (adjustable).
- ▶ Output current: 500mA @ 12/24 VDC.
- ▶ Input power LED indicator.
- ▶ Multi-color LED indicates output voltage.
- ▶ Terminal block connection for secured wiring.

### Operating Voltages

Input Voltage	Output Voltage	Adjustable Voltage Range
7-12 VDC	12VDC	12.2-13.5 VDC
12-24 VDC	24VDC	23.0-25.2 VDC

\*U.S.A. and international patents pending.

## Low Battery Cutoff

### ST-BD01Q

The ENFORCER Low-Voltage Battery Cut-Off prevents the deep discharge of a backup battery. The ST-BD01Q ties directly into most 12 or 24 VDC power supplies or alarm panels for easy plug-and-play installation. A Master On/Off switch easily connects or disconnects the battery and AC power supply from the control panel.



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

New

## 5-in-1 Battery Tester

### ST-BT01Q

The ENFORCER ST-BT01Q is more than just a battery tester. Additional features make it the perfect tester for your tool box.

Tests:

1. Voltage
2. Battery Load
3. Voltage Drop
4. Polarity
5. PTC fuse



- ▶ Voltage testing via 4 LEDs.
- ▶ Selectable 500mA or 1A load.

New

## 12VDC Plug-in Switching AC Adapters

### ST-UV12-S0.5Q 0.5 Amp

### ST-UV12-S1.0Q 1.0 Amp

### ST-UV12-S2.0Q 2.0 Amp



ST-UV12-S1.0Q Shown

- ▶ Sideways plug for ease of use on power strips.
- ▶ Universal 100-240 VAC input.
- ▶ Regulated 12VDC output.
- ▶ 6 ft. cord, 2.1mm plug (positive center).
- ▶ Low power consumption.



New

UL LISTED US Efficiency Level FC CE RoHS

## Tabletop Switching Power Supplies

### ST-UV12-S3.0Q 3.0 Amp

### ST-UV12-S4.0Q 4.0 Amp



ST-UV12-S3.0Q Shown

- ▶ LED power indicator.
- ▶ Universal 100-240VAC input.
- ▶ Regulated 12VDC output.
- ▶ 6 ft. cord 2.1mm plug (positive center).
- ▶ Includes AC power cord (IEC320-C13).
- ▶ Low power consumption.



New

UL LISTED US Efficiency Level FC CE RoHS

## Audio Baluns

*SECO-LARM Audio Baluns are the fast, easy, and low-cost way to connect sound sources and destinations using low cost Cat5e/6 cable.*

*Two audio baluns are normally used, one on each end of a pair in the Cat5e/6 cable. A Cat5e/6 cable has 4 pairs of wire inside, so 4 channels of audio information can be carried on a single Cat5e/6 cable.*

*All SECO-LARM passive audio baluns transmit the audio signal of a single audio channel long distances over low-cost Cat5e/6 (or better) unshielded twisted pair (UTP) cable.*

## Analog Audio Balun

### MAE-P115-01Q



*The ENFORCER MAE-P115-01Q Analog Audio balun is the fast, easy, and low-cost way to connect sound sources and destinations over low-cost Cat5e/6 cable.*

- ▶ Low-cost & lightweight alternative to RCA cables.
- ▶ RCA to terminal block.
- ▶ Gold-plated RCA connector.
- ▶ Transmits analog audio up to 1,000 ft. (300m) via Cat5e/6 UTP.
- ▶ Passive operation, requires no power.

## Digital Audio Balun

### MAE-P215-01Q



*The ENFORCER MAE-P215-01Q Digital Audio balun is the fast, easy, and low-cost way to connect sound sources and destinations using low-cost Cat5e/6 cable.*

- ▶ Supports Dolby Digital, Dolby Pro Logic, dts, LOGIC7, and THX Surround EX.
- ▶ Low-cost & lightweight alternative to RCA cables.
- ▶ RCA to terminal block.
- ▶ Gold-plated RCA connector.
- ▶ Transmits digital audio up to 600 ft. (180m) via Cat5e/6 UTP.
- ▶ Passive operation, requires no power.

## Snap-In Analog Audio Balun

### MAE-P127-01Q



*The ENFORCER MAE-P127-01Q Snap-In Analog Audio balun is the fast, easy, and low-cost way to connect sound sources and destinations using low-cost Cat5e/6 cable.*

- ▶ Low-cost & lightweight alternative to RCA cables.
- ▶ Easily snaps in or out of wall plates or patch panels.
- ▶ RCA to RJ-45 jack.
- ▶ Gold-plated RCA connector.
- ▶ Transmits analog audio up to 1,000 ft. (300m) via Cat5e/6 UTP.
- ▶ Passive operation, requires no power.

## Snap-In Digital Audio Balun

### MAE-P227-01Q



*The ENFORCER MAE-P227-01Q Snap-In Digital Audio balun is the fast, easy, and low-cost way to connect sound sources and destinations using low-cost Cat5e/6 cable.*

- ▶ Supports Dolby Digital, Dolby Pro Logic, dts, LOGIC7, and THX Surround EX.
- ▶ Low-cost & lightweight alternative to RCA cables.
- ▶ Easily snaps in or out of wall plates or patch panels.
- ▶ RCA to RJ-45 jack.
- ▶ Gold-plated RCA connector.
- ▶ Transmits digital audio up to 600 ft. (180m) via Cat5e/6 UTP.
- ▶ Passive operation, requires no power.

## UTP Cabling

*All SECO-LARM UTP Baluns transmit a signal (audio/video) long distances over low-cost Cat5e/6 (or better) unshielded twisted pair (UTP) cable.*

*A Cat5e/6 cable has 4 pairs of wire inside, so 4 channels of information can be carried on a single Cat5e/6 Cable. Also audio, video, power and data can all be handled via Cat5e/6 UTP cable.*

## Stereo Audio Balun

### MAE-P317-01Q



- ▶ Eases installation of dual mono or single stereo audio over Cat5e/6 cable.
- ▶ Dual RCA jacks (Red/Right, White/Left) on 6" pigtail to RJ-45 jack.
- ▶ Transmits audio 1,000 ft. (300m) over Cat5e/6 UTP cable.
- ▶ Gold plated connectors.
- ▶ Passive operation, requires no power.

## Mini Stereo Audio Balun

### MAE-P337-01Q



- ▶ Send audio over Cat5e/6 cable from mini-stereo plug.
- ▶ Stereo mini plug on 6" pigtail to RJ-45 jack.
- ▶ Transmits audio 1,000 ft. (300m) over Cat5e/6 UTP cable.
- ▶ Gold plated connectors.
- ▶ Passive operation, requires no power.

## USB Over Cat5

### DE-S101Q



- ▶ Extend keyboard, mouse, camera - any USB devices over Cat5e/6.
- ▶ USB 1.1 compliant.
- ▶ Up to 150 ft. (46m) range.
- ▶ Small size, only 2 1/2" x 1 1/16" x 7/8" (64 x 37 x 22 mm) excluding 9" (230mm) USB connection.
- ▶ Passive operation, requires no power.



## Video Baluns

SECO-LARM Video Baluns are the fast, easy, and low-cost way to connect video sources and destinations using low cost Cat5e/6 cable. Two Video Baluns are normally used, one on each end of a pair in the Cat5e/6 cable. A Cat5e/6 cable has 4 pairs of wire inside, so 4 channels of video information can be carried on a single Cat5e/6 Cable.

All SECO-LARM passive video baluns transmit the video signal long distances over low-cost Cat5e/6 (or better) unshielded twisted pair (UTP) cable.

## Composite Video Balun

### MVE-PB010Q



- ▶ Transfers composite video, YPbPr, or RGB signals.
- ▶ With screwless terminal block connection and passive operation.
- ▶ Gold-plated RCA connector.

## Snap-In Composite Video Balun

### MVE-PB020Q



- ▶ Transfers composite video, YPbPr, or RGB signals.
- ▶ Easily snaps in or out of wall plates, or patch panels.
- ▶ Gold-plated RCA connector.
- ▶ RJ-45 jack. Passive operation.
- ▶ Max distance:  
Color - 2,230 ft. (680m), B/W - 2,550 ft. (780m).

## Component Video Balun

**MVE-PC015Q** - Component Video Balun and Digital Audio over Cat5e/6 (Passive) w/IR pass-thru.



- ▶ 4 RCA connectors to RJ-45 jack.
- ▶ Supports HDTV (480i/480p/720p/1080i) signal up to 900 ft. (300m).
- ▶ Passive operation, requires no power.

## Wall-Plate Component Balun

### MVE-PCW15Q

- Wall-plate Component Video Balun w/IR pass-thru



- ▶ Passive operation, requires no power.
- ▶ Single gang plate.
- ▶ RCA connectors to RJ-45 jack.
- ▶ Video and digital audio transmission over one Cat5e/6 cable.

## Component & Composite Balun

### MVE-PY016-Q

- Component & Composite Video + Digital and Analog Audio with IR pass-thru.



- ▶ 2 RJ-45 jacks.
- ▶ Video and stereo audio transmission over one Cat5e/6 cable.
- ▶ Two-way audio plus one video over one Cat5e/6 cable.
- ▶ Passive operation, requires no power.

## Video Door Phone

### DP-121Q

The Video Door Phone displays an image of the visitor in real-time on the phone's monitor, and a built-in microphone and speaker on the camera unit lets users communicate with visitors. Authorized visitors can then be granted entry with a push of a single button.



- ▶ For home or business use.
- ▶ Camera has 6 LEDs for nighttime operation.
- ▶ Remotely and securely talk to visitors.
- ▶ Remotely unlock doors, gates, etc. from the monitor.
- ▶ Camera and monitor turn on and off with the push of a button.
- ▶ Camera and monitor turn off automatically when not in use.
- ▶ Adjustable contrast, brightness, and ringer volume.

## Passive VGA Balun

### EVT-SBP-GQ



The fast, easy, and low-cost way to connect a PC, digital video recorder, or video splitter to a VGA monitor at distances of up to 450 feet (137m) away. This allows the monitors to be easily installed on a security professional's desk while the video devices are locked securely in a separate room. The connection is done via low-cost Cat 5e/6 shielded twisted-pair cable (or better) with shielded RJ-45 connectors.

- ▶ Transmits a VGA signal over Cat5e/6 cable.
- ▶ Use with personal computer, DVR, etc. with VGA output to CRT or LED monitors or VGA projectors.
- ▶ 450 ft. (137m) range.
- ▶ Passive operation, requires no power.
- ▶ Sold in pairs.

## Active VGA Balun

### EVT-AB1-GQ



- ▶ Local monitor support on transmitter end.
- ▶ Extends VGA range to 590 ft. (180m) @ 640 x 480 resolution.
- ▶ Works with video signals of up to 1920 x 1440 pixel resolution.
- ▶ Uses Cat5e/6 (UTP or STP).
- ▶ Sold in pairs.
- ▶ Small size, only 4<sup>3</sup>/<sub>16</sub>" x 2<sup>15</sup>/<sub>16</sub>" x 7<sup>1</sup>/<sub>8</sub>" (107 x 75 x 22 mm).



## HDMI Switcher

### MVS-H4101-0Q



- ▶ Easily switch between any of four HDMI sources by remote control or push button.
- ▶ Easily connects to different digital video sources (DVD, A/V receiver, satellite, game console, etc.).
- ▶ HDTV: resolution up to 1080p.
- ▶ HDMI and HDCP pass-through.
- ▶ Perfect for home theater systems.
- ▶ 24K gold-plated connectors.
- ▶ Extends the range of HDMI compliant devices.
- ▶ 5VDC Power supply included.
- ▶ IR remote control included.

## HDMI Repeater

### MVR-HH01Q



- ▶ Extends high-definition video and digital audio up to 115 ft. (35m).
- ▶ Supports high-definition video up to 1080p.

## HDMI Cable

### MC-1101-09FQ



Black Chrome cable



- ▶ 9 ft. (3m) length.
- ▶ Supports HDMI v1.3.
- ▶ HDMI Type-A to Type-A.
- ▶ 28AWG OFD:7.5.
- ▶ Gold-plated connector.
- ▶ 90° angle cable versions also available.

## Multi-Media Products



SECO-LARM is using the "icon" above to denote products in its new line of "Multi-Media" products. These products can be used in a variety of mobile or stationary applications. Please refer to the descriptions of the products for additional application ideas.

## VGA & Stereo to HDMI Converter

### MVA-WH01Q

VGA input (plus stereo audio) to HDMI signal. Allows display from computer on HDMI monitor.



- ▶ Input: VGA connector and Dual RCA jacks (Red/Right, White/Left).
- ▶ Output: HDMI Jack.
- ▶ HDCP Pass-through.
- ▶ 5VDC power adapter (included).

## Component Video & Digital Audio to HDMI

### MVA-EH01Q

Component video + digital audio to HDMI converter

Component video input (and digital audio) to HDMI signal output. Display any component video source on an HDMI monitor.



- ▶ Input: 4 RCA connectors (3 for component video, and 1 for digital audio).
- ▶ Output: HDMI jack.
- ▶ Supports HDTV resolution up to 1080p.
- ▶ 5VDC power adapter (included).

## HDMI Coupler

### MC-2201Q



The ENFORCER MC-2201Q is used to join two (2) HDMI cables together. It has gold-plated contacts for reliability and longer life.

- ▶ For joining 2 HDMI cables together.
- ▶ Gold-plated contacts.
- ▶ Compatible with all 19-pin HDMI cables, supports HDCP.

## HDMI Connector

### MC-2101Q



The ENFORCER MC-2101Q is used to change the insertion angle for HDMI cables. The adjustable angle allows for tight mounting against a wall or other reduced space applications. It has gold-plated contacts for reliability and longer life.

- ▶ For tight mounts behind a monitor.
- ▶ Gold-plated contacts.
- ▶ Compatible with all 19-pin HDMI cables, supports HDCP.

## Optical Cable

### MC-5501-09FQ



- ▶ 9 ft. (3m) single-mode optical patch cable.
- ▶ 2 x Toslink connectors.

**HDMI over Cat5e/6****MVE-AH010Q**

- ▶ Connect HDMI equipment using low-cost Cat5e/6 UTP cables.
- ▶ Works with full-motion video and audio signal up to 195 ft. (60m).
- ▶ HDMI over Cat5e/6 without any signal loss.
- ▶ Supports 480i/480p/576i/576p/720p/1080i/1080p.
- ▶ Built-in equalization and signal boost function.
- ▶ Auto adjusts the equalization and amplification to eliminate feedback.
- ▶ Signaling rates up to 2.25Gbits.
- ▶ Compact size.
- ▶ 5VDC power supply included.
- ▶ Supports DDC, EDID, and hot-plug detection.
- ▶ HDMI 1.3 and HDCP 1.1 compliant.

**SLI®**

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SECO-LARM's Security Systems and Accessories are protected by the following patents:  
 U.S. pat. nos. 6109110, 5760680, 5751072, 5739749, 5648754, 5483225, 5473305, 5298879, 5216407, 5084697, 4980666, 4975678, 4926160, 4835518, 4810998, 4761631, 4706064, 4700332, 4679033, 4550229, 4546629, 4543568, 4507945, D350494, D319196, D314791, D479708, D485774  
 Taiwan pat. nos. 158210, 133076, 1 18811, 116977, 105843, 100701, 94510, 84396, 76872, 75669, 66042, 61565, 59176, 56767, 52421, 50612, 46459, 43239, 40938, 40244, 39225, 37977, 37422, 35025, 33687, 33261, 33201, 32844, 32435, 32409, 31633, 30905, 30897, 30432, 30060, 28883, 28112, 26690, 24477, 23474, 22073, 211 11, 20786, 20380, 19593, 18971, 17724, 16672, 16021, 15469, 14658, 12398, 11699, 9191, 3724, 86123  
 U.K. pat. nos. 2279792, 2271009, 2215895, 2179482, 2177797, 2177529, 2141480, 2036522, 1041888  
 German pat. nos. 29600370.0, G9203004.1, G9203003.3, G9212809 2  
 Hungary pat. no. 85927 Sweden pat. no. 9202706 9  
 Japan pat. no. 1882619 Korea pat. nos. 35097, 32332  
 China pat. nos. ZL97312768.6, ZL96249150.0, ZL95201587.0, ZL94300564.7, ZL02305808.0  
 Other international patents are pending.

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**Quality You Can Count On!**

Anyone can talk about quality. But can they make sure the products you source offer consistent quality, order after order?

SECO-LARM's quality control management system is compliant with all the requirements of ISO 9001, the accepted measure of quality worldwide.

ISO 9001 is not another quality control theory. Instead, SECO-LARM's entire manufacturing process was probed in great detail by an independent quality system certification body, and was found compliant with internationally accepted quality standards.

A quality management system certified as ISO 9001 compliant ensures that SECO-LARM can deliver products that meet your quality requirements time and time again. ISO 9001. World-class quality management from a world-class security manufacturer.



The SECO-LARM policy is one of continual development and improvement. For that reason, SECO-LARM reserves the right to change specifications without notice. SECO-LARM is not responsible for misprints.