Eclipse SECURITY

Product Catalog

2014

About Us

Eclipse is a global leader in CCTV and security technologies. Established in 1998, Eclipse's success has been driven primarily by a strong focus on quality control and investment in research and development. Our dedication to these facets of product development has led Eclipse to incorporate an industry leading "Six Step QC" system unparalleled in security product distribution.

In a field that is continually evolving, our passion for security technology and R & D is clearly evident. Eclipse CCTV and security products offer a variety of unique features that provide optimal value while maximizing our clients ability to turn quotes into invoices. The result has allowed Eclipse to propel its customers to a higher level of competitiveness and proven profitability.

With our extensive; mature product range and up front pricing with no games or gimmicks, Eclipse enables clients to meet their needs regardless of budgetary concerns. Our brand is a promise and our commitment to you.

Contact one of our industry experts now and ask for a demonstration to discover a new world of clarity.

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      (55) 6268 6645
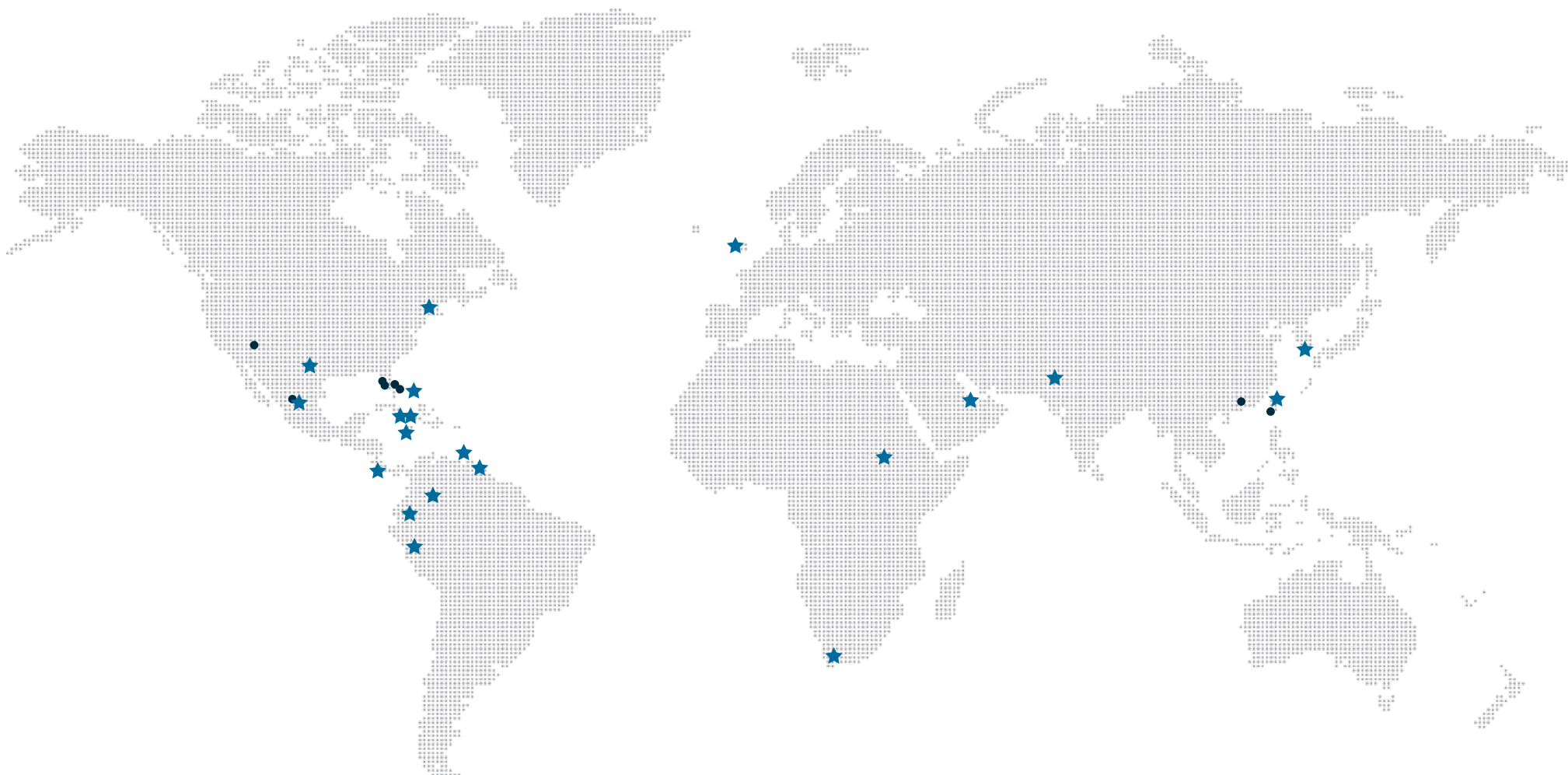www.eclipsecctv.com

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1998 – Wireless covert CCD cameras

1999 – Eclipse PC based DVRs

2001 – First standalone DVR w Remote View

2003 – Low cost Hi-Res cameras

2004 – DVR & Access Control Integration

2007 – P.O.S Integration

2009 – Hybrid Standalone Technology

2010 – VMS (Video Management Software)

2012 – Enterprise level IP NVR analytics

2013 – HD-SDI 1080P over coax

FOLLOW ECLIPSE
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AND JOIN THE ECLIPSE NETWORK

Office

5 office locations with state of the art showrooms throughout the US with more coming soon.

Partner

This represents partners, re-sellers and agents. If you are interested in becoming a partner please visit www.eclipsecctv.com

With an expanding global footprint, you can be sure to find our products and services in a variety of markets.

Welcome
to Eclipse Security

Eclipse Security supplies products for entry level installations as well as products for high-end, sophisticated integration projects. These products have been used for developments in Casinos, Hotels and Banks. Our highly trained technicians are always on hand to help you with project designs or eliminate any obstacle you may encounter so you can properly complete your installation.

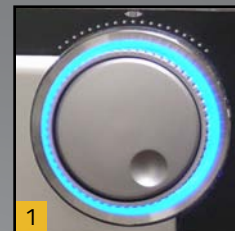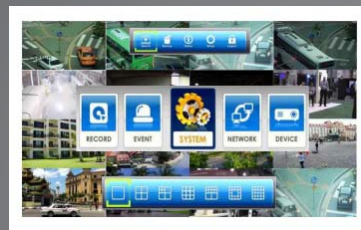H.264 Digital Video Recorder

Table of contents

NubixHD Series Full 1080P HD-SDI DVR

Full high definition video quality on live playback and remote views. The NubixHD Series HD-SDI DVR records at 1080P resolution and allows the use of new or existing coaxial cables. These systems create a true CCTV environment which facilitates live monitoring, PTZ use and multi channel viewing with no delays or latency.

Features

- **Smart object / area search analytics**
- **8 or 16 Channel synchronized simultaneous all channel HD playback**
- **Full HD remote viewing**
- Unparalleled experience with smartphones and tablets
- Excellent mobile app with HD re-sampling
- Stunning image quality – 6x the resolution means 6x better evidence than analog
- Easy to use, rock solid performance

- Advanced processing power
- 240 frames per second @ Full HD
- Use basic 16CH CMS or the Advanced CMS options
- Can hold 5 drives , 4TB each for a total of 20TB
- Additional storage available via eSATA port
- Internal power supply
- Available in 8 and 16 Channel units
- Remote control and rack mounts included

Pristine HD Mobile Software

Easy to use mobile apps for the tablet and smartphone. Advanced digital PTZ with HD re-sampling for accurate to the pixel reproduction.

Intuitive Interface

The most requested feature is ease of use. This interface allows installers and end users alike to navigate quickly and efficiently.

1. Fully functional jog shuttle

2. Easy access to buttons and USB ports

3. Up to 16CH audio input

4. HDMI main monitor output and HDMI spot monitor output

OrbixHD Series Full 1080P HD-SDI DVR

Full high definition video quality on live playback and remote views. The OrbixHD Series HD-SDI DVR records at 1080P resolution and allows the use of new or existing coaxial cables. These systems create a true CCTV environment which facilitates live monitoring, PTZ use and multi channel viewing with no delays or latency.
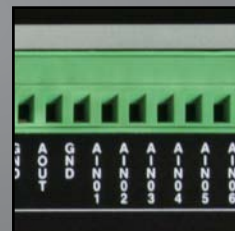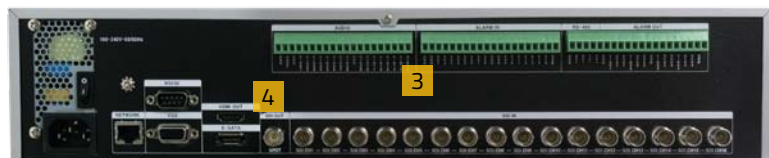
Features

- **Smart object / area search analytics**
- **8 or 16 Channel synchronized simultaneous all channel HD playback**
- **Full HD remote viewing**
- Unparalleled experience with smartphones and tablets
- Excellent mobile app with HD re-sampling
- Stunning image quality – 6x the resolution means 6x better evidence than analog
- Easy to use, rock solid performance

- Advanced processing power
- 120 frames per second @ Full HD
- Use basic 16CH CMS or the Advanced CMS options
- Can hold 5 drives , 4TB each for a total of 20TB
- Additional storage available via eSATA port
- Internal power supply
- Available in 8 and 16 Channel units
- Remote control and rack mounts included

Pristine HD Mobile Software

Easy to use mobile apps for the tablet and smartphone. Advanced digital PTZ with HD re-sampling for accurate to the pixel reproduction.
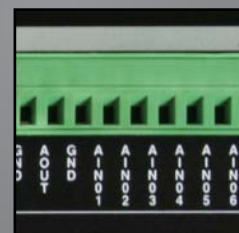
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The most requested feature is ease of use. This interface allows installers and end users alike to navigate quickly and efficiently.

1. Fully functional jog shuttle
2. Easy access to buttons and USB ports
3. Up to 16CH audio input
4. HDMI main monitor output and SDI spot monitor output
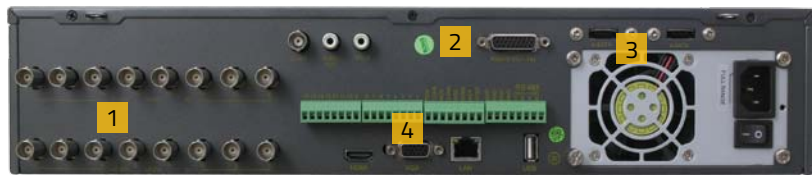
RAPPIX16 HD-SDI DVR

Offering high definition video quality for the price of analog! Prices so low you can use as a hybrid system when integrating with the MAX-PLEX series DVRs utilizing the CMS software. This ultra affordable HD option is perfect for optimizing a surveillance system where full HD over coax is deployed.

Features

- **Full HD 1080P live viewing and playback**
- Stunning image quality – 6x the resolution means 6x better evidence than analog
- Utilize existing analog wiring to easily upgrade and save on installation cost
- Equipment cost lower than ip systems and competitors' analog systems
- 8 Channel playback
- Standalone design using embedded LINUX OS
- 16 channels for SDI inputs
- H.264 compression

- HDMI video output
- 16 audio inputs / 1 audio output
- Record modes: manual, motion, alarm, schedule
- User defined motion detection area
- Built-in web server allows remote viewing without buying special software
- Multiplex operation: multi-camera playback, remote view, set-up, and back-up simultaneously
- TCP/IP network interface remote viewing via client software and Internet Explorer (IE)
- RS485 for PTZ devices

Mobile Software

CMS style mobile software compatible with MAX-PLEX series DVRs. For use over tablets and smartphones.

Intuitive Interface

The most requested feature is ease of use. This interface allows installers and end users alike to navigate quickly and efficiently.
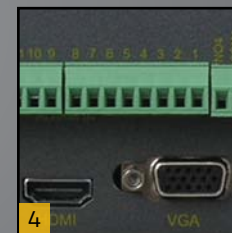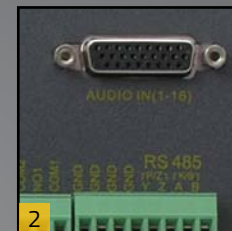
1 16 SDI camera inputs

2 16 CH audio input

3 2 eSATA ports

4 HDMI main monitor and VGA outputs

RAPPIX8 HD-SDI DVR

Offering high definition video quality for the price of analog! Prices so low you can use as a hybrid system when integrating with the MAX-PLEX series DVRs utilizing the CMS software. This ultra affordable HD option is perfect for optimizing a surveillance system where full HD over coax is deployed.

Features

- **Full HD 1080P live viewing and playback**
- Stunning image quality – 6x the resolution means 6x better evidence than analog
- Utilize existing analog wiring to easily upgrade and save on installation cost
- Equipment cost lower than ip systems and competitors' analog systems
- 4 channel playback
- Standalone design using embedded LINUX OS
- 8 channels for SDI cameras
- H.264 compression

- HDMI video output
- 4 standard audio channels (RCA connectors)
- Record modes: manual, motion, alarm, schedule
- User defined motion detection area
- Built-in web server allows remote viewing without buying special software
- Multiplex operation: multi-camera playback, remote view, set-up, and back-up simultaneously
- TCP/IP network interface remote viewing via client software and Internet Explorer (IE)
- RS485 for PTZ devices

Mobile Software

CMS style mobile software compatible with MAX-PLEX series DVRs. For use over tablets and smartphones.

Intuitive Interface

The most requested feature is ease of use. This interface allows installers and end users alike to navigate quickly and efficiently.

1 Hidden USB port for mouse or back up

2 Quick manual recording/playback options

3 Easy camera display toggle

4 8 SDI and 4 audio inputs

RAPPIX4/4S Full 1080P HD-SDI DVR

1080P
HD CCTV

Offering high definition video quality for the price of analog! Prices so low you can use as a hybrid system when integrating with the MAX-PLEX series DVRs utilizing the CMS software. This ultra affordable HD option is perfect for optimizing a surveillance system where full HD over coax is deployed.

Features

- **Full HD 1080P live viewing and playback**
- Stunning image quality – 6x the resolution means 6x better evidence than analog
- Utilize existing analog wiring to easily upgrade and save on installation cost
- Equipment cost lower than ip systems and competitors' analog systems
- 4 Channel synchronized simultaneous all channel playback
- Standalone design using embedded LINUX OS
- 4 channels for SDI cameras
- H.264 compression
- HDMI video output
- 4 standard audio channels (RCA connectors)
- Record modes: manual, motion, alarm, schedule
- User defined motion detection area
- Built-in web server allows remote viewing without buying special software
- Multiplex operation: multi-camera playback, remote view, set-up, and back-up simultaneously
- TCP/IP network interface remote viewing via client software and Internet Explorer (IE)
- RS485 for PTZ devices

Mobile Software

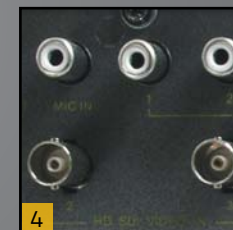CMS style mobile software compatible with MAX-PLEX series DVRs. For use over tablets and smartphones.

Intuitive Interface

The most requested feature is ease of use. This interface allows installers and end users alike to navigate quickly and efficiently.

1 Hidden USB port for mouse or back up

2 Easy camera display toggle

3 Quick manual recording/playback options

4 4 SDI and 4 audio inputs

ECL-HDS25 Sony™ Full 1080P HD-SDI 20X IR PTZ

13.8"

Camera Specifications

Image Sensor	1/2.8"-type Exmor™ CMOS
Resolution	1080P (1920 x 1080) Full HD @ 30 FPS
Lens	4.7-94.0mm HD Varifocal
Min Illumination	0.5 Lux
Horizontal View	54.1° to 2.9°
Optical Zoom	20x
Digital Zoom	12x
Wide Dynamic	Auto / Manual
Masking	Spherical privacy zone masking
IR LEDs	IR Megawatt high power system
IR Range	490ft

This weatherproof outdoor HD-SDI PTZ dome is equipped with high power lens focused infrared. Designed for harsh environments where long range illumination is necessary. The OSD menu allows for ease of use from any RS485 control source.

Features

- **Full HD 1080P over coax**
- Navigate to points of interest manually, illuminating objects in the dark at up to 490' away
- Weatherproof with an all metal housing design making it perfect for outdoor locations
- Smart pattern recording and playback
- Automatic IR cut filter
- Slow shutter / sense-up

- Spherical privacy zone masking (24 zones w various PTZ controls)
- 41 Levels of chrominace suppression
- Intelligent IR illumination - IR system moves in sync with cameras zoom
- 5 Levels of Digital Noise Reduction (DNR)
- Complete Sony™ solution zoom camera (FCB-EH6300)

Dome Specifications (Mechanical)

Presets	128, accuracy less than 0.1°
Pan	360° Continuous rotation
Protection	3 Levels of lightning and surge
Max Speed	400° per second
Processor	32-bit ARM
Synchronous Zoom	IR system moves in sync with cameras zoom
Address	Up to 255 Dome ID's / hardware or software addressing

ECL-HDS20 HD-SDI 20X PTZ With Long Range IR

15"

This premium quality outdoor security PTZ dome has a 2 megapixel image sensor and megapixel rated zoom lens. It is designed for extremely high performance and reliability.

- Smart pattern record, intelligent IR illumination with auto adjust and IR hot spot reduction are just a few of the many features on this HD PTZ

- The heavy duty aluminum-alloy base provides a cable feed-through path that protects the video and power cables from being vandalized

- Pendant mount and corner wall brackets are available and sold separately

Image Sensor	1/2.7" Progressive Scan CMOS
Resolution	1080P (1920 x 1080) Full HD @ 30FPS
Lens	20x Optical zoom
Video Output	SDI
Noise Reduction	2D, 3D & SMART DNR
OSD	Built-in
IR LEDs	10pcs
IR Range	460ft

ECL-HDS10 Mini HD-SDI 10X IR PTZ

ONLY 8.1"

This outdoor mini HD PTZ dome boasts a 2 megapixel image sensor with megapixel lens in a very compact form factor. Designed to replace fixed cameras by providing a perfect value for every day use. Utilizes intelligent IR illumination to reduce IR hot spots and increase long distance lighting.

- Up to 4 smart pattern recording

- 300° per second variable control

- Transient lightning protection up to 6000V

- 6 Megawatt LEDs with synchronized with zoom lens

Image Sensor	1/2.7" 2MP CMOS
Resolution	1080P (1920 x 1080) Full HD @ 30FPS
Lens	10x Optical zoom
Video Output	SDI
Noise Reduction	2D, 3D & SMART DNR
OSD	Built-in
IR LEDs	6 Megawatt LEDs
IR Range	200ft

ECL-HD64 HD-SDI Long Range IR Bullet

With selectable shutter speeds, this outdoor long range IR bullet is exceptional for license plate recognition projects.

- Incorporated auto-iris enabled 5-50mm 3 megapixel rated varifocal lens to bring images up close and tight
- The hardened, metal case is designed to resist vandalism and tampering, making this camera good for indoor or outdoor locations
- Bracket sold separately (see page 50)

Image Sensor	1/3" Panasonic 2MP	Noise Reduction	2D & 3D
Resolution	1080P (1920 x 1080)	OSD	Built-in
Lens	5-50mm HD Varifocal	IR LEDs	60pcs
Video Output	SDI / Composite	IR Range	120ft

ECL-HD56 HD-SDI Varifocal Dome

Designed for a rugged environment the HD56 is perfect for outdoor applications where dust or air particles make it difficult for IR illumination. By utilizing the sniper series IR system, this dome reduces maintenance as well as glare.

- Heavy gauge aluminium housing with vibration resistant multi-point 3-Axis bracket
- Wall mount bracket, pendant bracket and other accessories available (see page 51)

Image Sensor	1/3" Panasonic 2.1MP	Noise Reduction	2D & 3D
Resolution	1080P (1920 x 1080)	OSD	Built-in
Lens	2.8-12mm HD Varifocal	IR LEDs	1pcs
Video Output	SDI / Composite	IR Range	30ft

ECL-HD57 HD-SDI Varifocal Dome

Outdoor rated 2 megapixel HD dome with a Mechanical IR Filter and 28 IR LEDs. Equipped with a mini strobe for deterrent, reinforced coated poly-carbonate dome cover that is impact resistant and a high-grade hardened aluminum base.

- The HD57 housing is designed to make vandalism virtually impossible
- Staggered IR design provides better IR light distribution and less reflection
- Wall mount bracket and back box available (see page 51)

Image Sensor	1/3" Panasonic 2.1MP	Noise Reduction	2D & 3D
Resolution	1080P (1920 x 1080)	OSD	Built-in
Lens	2.8-12mm HD Varifocal	IR LEDs	20pcs
Video Output	SDI / Composite	IR Range	60-90ft

ECL-HD5V HD-SDI Varifocal IR Dome

This High definition SDI dome was designed with ease of installation in mind. The internal OSD joystick lends access, structure and minimal maintenance design.

- The HD5V has a state of the art day / night ICR multi-coated optical filter for more true to life color during the day and no focus shift when switching from day to night
- A wall mount bracket in the same base finish is available (see page 50)

Image Sensor	1/3" Panasonic 2.1MP	Noise Reduction	2D , 3D & SMART DNR
Resolution	1080P (1920 x 1080)	OSD	Built-in
Lens	2.8-10mm HD Varifocal	IR LEDs	30pcs
Video Output	SDI / Composite	IR Range	60ft

ECL-HD7 HD-SDI IR Bullet

- Outdoor mini bullet with full HD capability. Developed for price conscious consumers while still delivering 1080P @ 30fps.
- Cable feed through bracket
- Wide angle lens
- High definition with no lag or latency
- Color: White

Image Sensor	1/3" Panasonic 2.1MP
Resolution	1080P (1920 x 1080)
Lens	3.6mm wide angle lens
Video Output	SDI / Composite
Noise Reduction	2D, 3D & SMART DNR
OSD	Built-in
IR LEDs	30pcs
IR Range	30ft

ECL-HD7V HD-SDI Varifocal Bullet

Adjust your field of view on the fly with this HD-SDI varifocal outdoor bullet with infrared. Change the OSD settings even after mounting with the internal OSD joystick

- This HD bullet has a state of the art day / night ICR multi-coated optical filter for more true to life color during the day and no focus shift when switching from day to night
- The exterior comes equipped with a corrosion resistant finish, a geared cable feed through bracket and an integrated lens separator that eliminates infrared glare

Image Sensor	1/3" Panasonic 2.1MP
Resolution	1080P (1920 x 1080)
Lens	2.8-10mm HD Varifocal
Video Output	SDI / Composite
Noise Reduction	2D, 3D & SMART DNR
OSD	Built-in
IR LEDs	35pcs
IR Range	60ft

ECL-HD59 HD-SDI Bullet

This armored HD-SDI bullet camera has long range DRAGONFIRE LEDs and advanced low noise digital signal processing.

- Featuring a special engineering design to eliminate IR glare/haze. The smart DRAGONFIRE infrared system helps disperse IR evenly and eliminate IR hot spots
- Hardened alloy all metal case for maximum vandal resistance. Equipped an anti-tamper all metal locking bracket and interlocking gears to prevent "grab & twist" tactics
- The cable feed thought bracket will not leave any wires exposed

Image Sensor	1/2.7" Panasonic 2.1MP
Resolution	1080P (1920 x 1080)
Lens	3.6mm HD wide angle
Video Output	SDI / Composite
Noise Reduction	2D, 3D & SMART DNR
OSD	Built-in
IR LEDs	3pcs DRAGONFIRE IR
IR Range	160ft

ECL-HD43 HD-SDI Dome

Designed with aesthetics in mind, the HD43 is produced for industrial applications where image adjusting is vital. The external / removable OSD joystick with test monitor output is ideal for demanding applications.

- Aluminium construction with a heavy gauge base
- Glare free design with specialized glare reduction and lens separator system
- Extra wide varifocal lens allows unparalleled flexibility

Image Sensor	1/2.7" Panasonic 2.1MP	Noise Reduction	2D, 3D & SMART DNR
Resolution	1080P (1920 x 1080)	OSD	Built-in
Lens	2.8-10mm HD Varifocal	IR LEDs	48pcs
Video Output	SDI / Composite	IR Range	100ft

ECL-HD55 HD-SDI Dome

Designed for everyday use. With an extra wide angle aspherical lens, this HD dome is ideal for indoor and outdoor applications.

- Vandal resistant all metal ball in socket design
- Featuring a special engineering design to eliminate IR glare/haze. The smart DRAGONFIRE infrared system helps disperse IR evenly and eliminate IR hot spots
- View 1080p images day or night with advanced low light and smart noise reduction

Image Sensor	1/2.7" Panasonic 2.1MP	Noise Reduction	2D, 3D & SMART DNR
Resolution	1080P (1920 x 1080)	OSD	Built-in
Lens	3.6mm wide angle	IR LEDs	3pcs DRAGONFIRE IR
Video Output	SDI / Composite	IR Range	160ft

ECL-HDZ18 HD-SDI 18x Zoom Camera

Offering an integrated 18x optical zoom lens capable of bringing objects that are hundreds of feet away into clear view.

- Built in IR cut filter, auto white balance, DWDR with ATR-EX, auto gain control
- Adjustable electronic shutter with a range up to 1/100,000
- Selectable privacy masking areas

Image Sensor	1/2.8" Sony™ Exmor CMOS	Min Illumination	0.01 Lux / F1.6 to F3.5
Resolution	1080P (1920 x 1080)	Sense Up	Adjustable
Lens	18X optical zoom 4.7 - 84.6mm	OSD	Built-in
Video Output	SDI	Power	12 VDC

ECL-553SHD HD-SDI Box Camera

This full size professional camera provides high definition security video over a coaxial cable.

- Equipped with infrared cut filter, auto white balance, automatic gain control
- Supports auto iris lenses (sold separately see page 49)

Image Sensor	1/3" Panasonic 2.1MP	Noise Reduction	2D & 3D
Resolution	1080P (1920 x 1080)	Sense Up	Adjustable
Lens	sold separately	OSD	Built-in
Video Output	SDI	Power	12 VDC

ECL-HD1 HD-SDI 720P IR Bullet

720P mini bullet designed for outdoor environments perfect for creating a low cost kit.

- Cable feed through bracket
- Wide angle lens
- High definition with no lag or latency
- Color: White

Image Sensor	1/3" CMOS 1MP		Noise Reduction	2D
Resolution	720P (1280 x 720)		OSD	Built-in
Lens	3.6mm wide angle		IR LEDs	36pcs
Video Output	SDI		IR Range	40ft

ECL-HD1B HD-SDI 720P IR Bullet

720P mini bullet designed for outdoor environments perfect for creating a low cost kit.

- Cable feed through bracket
- Wide angle lens
- High definition with no lag or latency
- Color: Black

Image Sensor	1/3" CMOS 1MP		Noise Reduction	2D
Resolution	720P (1280 x 720)		OSD	Built-in
Lens	3.6mm wide angle		IR LEDs	36pcs
Video Output	SDI		IR Range	40ft

ECL-HD15 HD-SDI 720P IR Dome

720P mini bullet designed for outdoor environments perfect for creating a low cost kit.

- Heavy duty aluminium base
- Wide angle lens
- High definition with no lag or latency
- Color: White

Image Sensor	1/3" CMOS 1MP		Noise Reduction	2D & 3D
Resolution	720P (1280 x 720)		OSD	Built-in
Lens	3.6mm wide angle		IR LEDs	24pcs
Video Output	SDI		IR Range	30ft

ECL-HD16 HD-SDI 720P IR Dome

Outdoor IR turret dome designed with simplicity in mind. This simple solution is perfect for small business or residential installation.

- Varifocal lens with easy front access to adjustment
- High power infrared with mixed angle LEDs to prevent whitewash or IR hot spots
- Color: White

Image Sensor	1/3" CMOS 1MP		Noise Reduction	2D
Resolution	720P (1280 x 720)		OSD	Built-in
Lens	2.8-12mm varifocal		IR LEDs	42pcs
Video Output	SDI		IR Range	60-90ft

ECL-HDR1 SDI to HDMI Repeater/Converter

- Convert 3G/HD/SDI signal to HDMI
- Supports SDI (SMPTE 259M), HD-SDI (SMPTE 292M)
- 3G-SDI (SMPTE 424M)
- Supports 720P, 1080I, 1080P
- Built in equalizer to increase distance & signal reliability
- Bi-color LED indicator light
- 150' to 600' - Subject to cable specs
- 5 VDC 1amp power supply included
- 4.5" x 2.8" x 1.1"

ECL-HDC45 SDI Cat5/Cat6 Extender

- Sold in pairs
- Send HD-SDI signal over CAT5E/6 UTP cable
- HD-SDI 1.45Gbps Cat5E rated at 98' / Cat6 rated at 147'
- No external power required
- Standard RJ45 connector
- Utilizes pin 7 & 8 standard EIA/TIA 568B
- Operating temp 0-55C
- 1" X 1" x 5.5" including cable (25.4 x 25.4 x 140.5mm)

ECL-HDV1 Video Surge Protector

- Protect equipment from power surge and lightning strikes
- Transmission rate 270M ~ 2.97G
- Discharging current 10KA (max) Resisting surge 9KB
- Reaction speed < 1Ns
- Insertion loss 1.1dB @2.97Gb/s
- BNC male to BNC female
- Sturdy metal case design
- Attached ground lead

ECL-HDMI-P Pivot Head HDMI

- Professional grade
- 180° pivoting head
- High Speed with Ethernet
- Rated up to 10.2Gbps
- Supports 1080p/120Hz, 4k and 3D video
- Audio Return Channel (ARC) and Ethernet Channel
- Available in 3', 6' and 10' lengths

ECL-HDMI - In wall HDMI cable available in 3', 6', 10', 15', 25', 30' and 50' lengths

ECL-HDMI-S - Ultra slim HDMI available in 3', 8' and 15' lengths

Nexxa16 HD IP Hybrid DVR/NVR

With the ability to monitor up to 16 IP cameras, or a mixture of IP cameras and standard technology (analog) cameras, the Nexxa16 Network Video Recorder (NVR) fits the requirements of corporate and small business locations perfectly. Dual Buffer Merge (DBM) Technology is unique to the Nexxa series. Designed to combine multiple video steams to fill gaps due to network loss or latency.

Features

- Simultaneous all channel playback
- Up to 5 megapixel on each IP channel
- ONVIF compliant
- 16-channels for 16 IP cameras or substitute up to 8 standard analog CCTV connections
- Dual Buffer Merge technology to make mobile viewing care free
- Up to 72 camera CMS sharing 2 monitors
- Supports eSATA for extra storage
- HDMI & VGA video output
- Up to 12TB hard drive storage

- Gigabit LAN network communication
- Audio recording
- Digital Zoom
- Record modes: manual, motion, alarm, schedule
- User defined motion detection area
- Built-in web server allows remote viewing without buying special software
- TCP/IP network interface remote viewing via client software and Internet Explorer (IE)
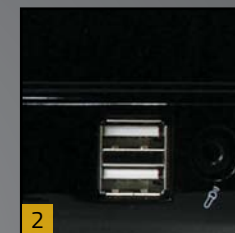- RS485 for PTZ devices

Mobile Software

Intuitive smart phone software with multi channel viewing. Available for iPhone and android platforms.

CMS Software

Included CMS software allows you to connect this Hybrid to other online DVRs to create a surveillance camera matrix . View up to 72 cameras with dual monitor configuration.

1 Microphone and speaker inputs

2 Quick and easy font USB connections

3 VGA and HDMI output

4 Analog camera inputs

Nexxa9 HD IP Hybrid DVR/NVR

FULL HD 1080P

With unsurpassed video quality and ease of use, the Nexxa 9 security DVR/NVR has all the features you would expect for a hybrid product plus an HDMI video output that provides crystal clear images. Using standard CCTV camera technology? Using IP camera technology? Use both with this DVR. With 9 camera channels you have great flexibility. Dual Buffer Merge (DBM) Technology is unique to the Nexxa series. Technology is unique to the Nexxa series. Designed to combine multiple video steams to fill gaps due to network loss or latency.

Features

- Simultaneous all channel playback
- Up to 5 megapixel on each IP channel
- ONVIF compliant
- 9-channels for 9 IP cameras or substitute up to 8 standard analog CCTV connections
- Dual Buffer Merge technology to make mobile viewing care free
- Up to 72 camera CMS sharing 2 monitors
- Supports eSATA for extra storage
- HDMI & VGA video output
- Up to 12TB hard drive storage

- Gigabit LAN network communication
- Audio recording
- Digital Zoom
- Record modes: manual, motion, alarm, schedule
- User defined motion detection area
- Built-in web server allows remote viewing without buying special software
- TCP/IP network interface remote viewing via client software and Internet Explorer (IE)
- RS485 for PTZ devices

Mobile Software

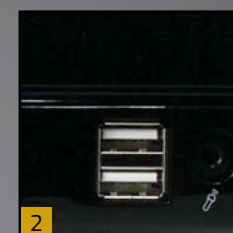Intuitive smart phone software with multi channel viewing. Available for iPhone and android platforms.

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ECLIPSE VIDEO MANAGEMENT SOFTWARE

ECL-VMS12

Megapixel cameras have provided the industry with dramatic improvements in video resolution. However, they have also brought major challenges to VMS providers with the increase in demand for data throughput as well as long term storage. Eclipse CCTV's Video Management Software has been optimized to deal with these intensive data loads, minimizing the risk of frame loss, hardware failure, system shut down and providing security integrators with a simple update path to megapixel video solutions.

It's highly scalable client-server architecture is designed with high adaptability in mind, ensuring that your customer's systems can grow as needed using COTS hardware and easy to implement licensing upgrades. Our megapixel video recording and management technology is ONVIF compliant and also directly supports many 3rd party IP cameras to deliver highly integrated and reliable customized systems. Our VMS provides users intuitive, yet powerful monitoring and investigative tools to increase security coverage and responsiveness, providing an active security solution as well as increased security management efficiency.

With no recurring licensing fees, Eclipse CCTV's VMS is a cutting edge, yet surprisingly accessible solution for your IP based project needs.

- Highly scalable Client-Server architecture
- Optimized for megapixel recording
- Real Time Intelligent Video Analytics
- Enterprise Class
- Integrated RAID management

- Minimize hardware failure
- Minimize shutdowns
- License upgrades available
- ONVIF compliant
- Intuitive software

Live Monitoring

Playback

Mobile Viewing

ECL-IP50MP 5MP Varifocal IP Bullet

This outdoor 5 megapixel IP bullet creates high definition video and uses triple streaming to guarantee great remote video quality.

- Accessible on board storage for edge recording solutions
- Special edition lens holder system for improved corner distortion and horizontal image balance
- Heavy duty cable feed through bracket and external varifocal lens access
- Mechanical IR filter to protect video quality when switching from day mode to night mode
- Direct view connection to iPhone and android devices allow fast, stable viewing without the need to download an app or any additional software

Image Sensor	1/3" 5MP CMOS sensor
Resolution	5MP (2592 x 1944)
Lens	3.6-16mm HD Varifocal
Video Output	IP
Noise Reduction	2D & 3D
IR LEDs	35pcs
IR Range	80ft
Power	12 VDC / POE

ECL-IPD57VI 5MP Varifocal IP Dome

This outdoor 5 megapixel IP dome creates high definition video and uses triple streaming to insure great remote video quality.

- This indoor/outdoor IP camera can fit almost anywhere thanks to its small size and is ONVIF compliant
- Accessible on board storage for edge recording solutions
- Programming supports privacy mask operations, motion detection, multi-casting support and IP filtering. Firmware can be upgraded remotely
- Triple-streaming video using H264 compression provides fast and reliable network viewing (including internet viewing)
- PoE and a 3-axis internal bracket make adjustment easy
- Mechanical IR filter to protect video quality when switching from day mode to night mode

Image Sensor	1/3" 5MP CMOS sensor
Resolution	5MP (2592 x 1944)
Lens	3-9mm HD Varifocal
Video Output	IP
Noise Reduction	2D & 3D
IR LEDs	18pcs
IR Range	60ft
Power	12 VDC / POE

ECL-IPD360 2MP Panoramic IP Dome

This 2 megapixel panoramic IP dome does the work of 4 cameras. 90°, 180°, and 360° recording/views.

- Utilize the on board hardware de-warping engine for a 4 picture breakdown or like a virtual PTZ camera, zoom in/out turn left and right until you get the angle you are looking for

- Sealed vandal/tamper-resistant construction makes it safe to place in outdoor locations like parking lots and public spaces

- High definition, crystal clear video is served up to connecting devices in a triple-stream format that guarantees the best viewer quality no matter what device is used, PC or smartphone

- Accessible on board storage for edge recording solutions

Image Sensor	1/3.2" 5MP CMOS sensor
Resolution	1080P (1920 x 1080)
Lens	1.9mm Super wide angle
Video Output	IP
Noise Reduction	2D & 3D
View	Virtual PTZ and quad mode
IR LEDs	0pcs
Power	POE

ECL-IPD7 1080P Varifocal IP Dome

This outdoor 1080P IP dome creates high definition video and uses triple streaming to ensure great remote video quality.

- This indoor/outdoor IP camera can fit almost anywhere thanks to its small size and is ONVIF compliant. It has an micro SD card slot and supports 2-way communication

- Image quality is clear and bright thanks to a 1/2.7" CMOS video sensor

- Direct mobile device support makes this camera perfect for logging in with your smartphone or tablet

- Triple-streaming video using H264 compression provides fast and reliable network viewing (including internet viewing)

Image Sensor	1/2.7" 1080P CMOS sensor
Resolution	1080P (1920 x 1080)
Lens	3-9 mm HD Varifocal
Video Output	IP
Noise Reduction	2D & 3D
IR LEDs	18pcs
IR Range	60ft
Power	12 VDC / POE

ECL-IP24MP 1080P Varifocal IP Bullet

This outdoor 1080P megapixel IP bullet creates high definition video and uses triple streaming to ensure great remote video quality.

- Accessible on board storage for edge recording solutions

- Special edition lens holder system for improved corner distortion and horizontal image balance

- Heavy duty cable feed through bracket and external varifocal lens access

- Mechanical IR filter to protect video quality when switching from day mode to night mode

- Direct view connection to iPhone and android devices allow fast, stable viewing without the need to download an app or any additional software

Image Sensor	1/2.7" 1080P CMOS sensor
Resolution	1080P (1920 x 1080)
Lens	3.6-16mm HD Varifocal
Video Output	IP
Noise Reduction	2D & 3D
IR LEDs	20pcs
IR Range	60ft
Power	12 VDC / POE

ECL-IPD11 720P Mini IP Vandal Dome

Designed for everyday use, the 720P series HD-IP cameras are packed with advanced features like shutter speed control, digital noise reduction, DWDR and sense-up. Also included is a 36 channel NVR software.

- Ball in socket design for easy adjustments.
- Accessible on board storage for edge recording solutions (optional)
- Triple streaming for extremely fast smartphone support
- Day and night switching lux control

Image Sensor	1/4" CMOS sensor
Resolution	720P
Lens	2.8mm lens @ F1.8
Video Output	IP
Noise Reduction	2D & 3D
Sense Up	Adjustable
Housing	Aluminium
Power	12VDC / POE

ECL-IP12MP 720P IP Bullet Camera

Designed for everyday use, the 720P series HD-IP cameras are packed with advanced features like shutter speed control, digital noise reduction, DWDR and sense-up. Also included is a 36 channel NVR software.

- Heavy duty cable feed through bracket
- Triple streaming for extremely fast smartphone support
- Day and night switching lux control
- Compact low cost solution for budget conscious customers

Image Sensor	1/4" CMOS Sensor
Resolution	720P
Lens	2.8mm lens @ F1.8
Video Output	IP
Noise Reduction	2D & 3D
IR LEDs	12pcs
IR Range	50ft
Power	12 VDC / POE

ECL-IP14MP 720P Varifocal IP Bullet

Designed for everyday use, the 720P series HD-IP cameras are packed with advanced features like shutter speed control, digital noise reduction, DWDR and sense-up. Also included is a 36 channel NVR software.

- Heavy duty cable feed through bracket and external varifocal megapixel lens adjustment access
- Mechanical IR filter to protect video quality when switching from day mode to night mode
- Accessible on board storage for edge recording solutions
- Triple streaming for extremely fast smartphone support
- Day and night switching lux control

Image Sensor	1/4" CMOS Sensor
Resolution	720P
Lens	3.3-12mm HD Varifocal
Video Output	IP
Noise Reduction	2D & 3D
IR LEDs	35pcs
IR Range	80ft
Power	12 VDC / POE

Nubix16DLX 16Ch Premium DVR

The NubixDLX series is a professional security DVR that provides simultaneous Real Time recording on all channels at an extraordinary D1 resolution. This DVR utilizes a special up-converting system to turn regular resolution images to high definition on your HDMI output.

Features

- Video Compression: H264
- Real-time recording on all channels at full resolution
- **HDMI output - all attached cameras up-converted to HD video**
- Triple streaming video for 3G and 4G devices, including iPhone and Google™ Android
- 8 or 16 video inputs: composite 1Vp-p signal with loop outs
- Display Resolution: VGA resolution plus 1080p HDMI
- 8 or 16 TTL level alarm inputs with 4 relay outputs and 12 TTL level outputs to control alarms and external devices.
- 8 or 16 audio inputs

- 4 independent spot monitor outputs (BNC composite)
- **Digital Signage - Advertise directly from the DVR with scheduling on board**
- Synchronized all channel playback
- 128 camera CMS software with profile memory
- Save configuration/setup data on a USB flash drive
- Multi-level password accounts
- PTZ control with RS485 serial protocols
- Built-in digital watchdog for system monitoring
- HDD status system that watches the hard drive temperature and usage to protect data integrity
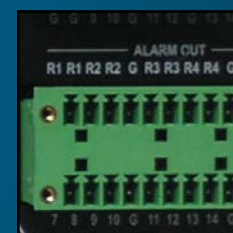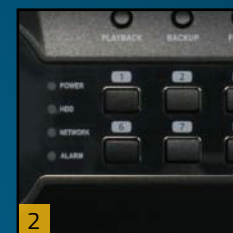- Intuitive GUI and back up

Mobile Software

Multi channel mobile software with playback and menu set up access. Allows for relay triggers to integrate with home automation.

Client CMS

CMS software included with every NubixDLX DVR. Connect up to 128 cameras remotely, program your DVR and set up special features like 2 way audio communication.

1 Easily accessible navigation and USB ports

2 Effortless channel selection

3 VGA & HDMI Output

4 Up to 16 TTL level alarm inputs

NubixRT Series H.264 DVR

The NubixRT represents the work horse in the Eclipse CCTV line. With intuitive menus and rock solid stability, this standalone DVR is easy to deploy and for everyday use.

Features

- Real time recording - 4, 8 or 16 cameras models available
- Synchronized simultaneous multi-camera playback with audio
- 3G and 4G mobile compatible
- Selectable VGA resolution
- Alarm inputs and outputs
- Looping outputs utilizing optional harness
- 4 or 8 audio inputs
- Multiple monitor outputs including VGA and main (composite format)

- Multiple recording modes
- 128 camera CMS software with profile memory
- Export video clips to USB flash drive
- Exported video can be viewed on PC or Mac
- Save configuration/setup data on a USB flash drive
- Administrator/user level passwords
- PTZ control (RS485 serial protocols)
- HDD monitoring for dependability
- Easy to configure auto-deletion and circular recording
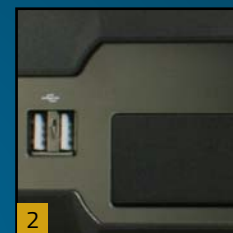- Network throttling option

Mobile Software

Multi channel mobile software with playback and menu set up access. Allows for relay triggers to integrate with home automation.
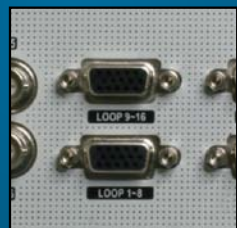
Client CMS

CMS software included with every NubixRT DVR. Connect up to 128 cameras remotely, program your DVR and set up special features like 2 way audio communication.

1 Easily accessible navigation

2 USB ports for mouse and backup

3 Loop output connections (sold separately)

4 RS485, Alarm, Sensor and Network connections

OrbixMX Series H.264 DVR

This standalone DVR is a perfect fit for most residential and business locations. Built with heavy duty video processing power at its core (a LINUX based core) it can record real time video on all channels simultaneously.

Features

- Real time recording - 4, 8 or 16 cameras models available
- Synchronized simultaneous multi-camera playback with audio
- 3G and 4G mobile compatible
- Selectable VGA resolution
- Alarm inputs and outputs
- Looping outputs utilizing optional harness
- 4 or 8 audio inputs
- Multiple monitor outputs including VGA and main (composite format)

- Multiple recording modes
- 128 camera CMS software with profile memory
- Export video clips to USB flash drive
- Exported video can be viewed on PC or Mac
- Save configuration/setup data on a USB flash drive
- Administrator/user level passwords
- PTZ control (RS485 serial protocols)
- HDD monitoring for dependability
- Easy to configure auto-deletion and circular recording
- Network throttling option

Mobile Software

Multi channel mobile software with playback and menu set up access. Allows for relay triggers to integrate with home automation.
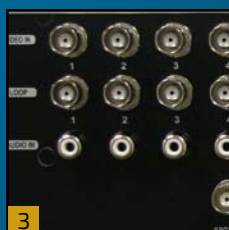
Intuitive Interface

Free CMS software lets you manage remote connections, program your DVR for special surveillance tasks and set up special features like pre-event recording.
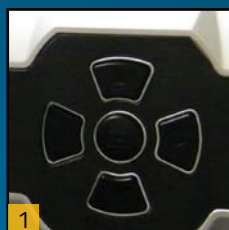
1 Easily accessible navigation

2 USB ports for mouse and backup

3 Up to 16 Looping outputs

4 Up to 16 TTL level alarm inputs

LYNX-M Portable Security DVR

Designed for inside-vehicle placement, this portable DVR has front- and rear-facing CCTV video cameras. The LYNX-M uses your vehicle battery for power, making it a perfect portable security DVR for taxis, trucks and other types of transportation. It's easy to install and comes with a cigarette lighter adapter that connects to the vehicle's auxiliary power output.

Features

- Video sensor: 1/4" CMOS, front and rear
- Front camera resolution:1280 x 720
- Rear camera resolution: 640 x 480
- Highest Frame Rate: Front - 30fps, Rear - 15fps
- Lens Angle: Front - 120°, Rear - 170°
- Rear view camera IR sensitive
- Internal 3D G-Force sensors
- Auto calibrating built-in GPS
- Integration with Google™ maps
- Screen capture
- Auxiliary jack for video output

- IR LEDs: 4 units for Rear view camera (850nm)
- IR range: vehicle interior
- Audio: built in microphone (mono)
- Auto-on at engine start
- Manual record button
- Remote control included
- Memory: includes 8GB micro SD with SD adaptor
- Free multilingual software
- Easy to install and remove
- Power: 5 VDC (cigarette lighter/auxiliary power adapter included)
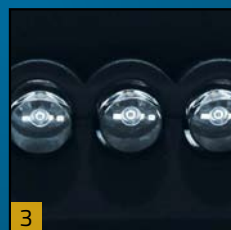

Great for fleet vehicles

Software Included

Lets you play the video and see important vehicle factors like speed, course (using Google™ map overlay), direction, g-forces and more. You can search video, FF and reverse, and perform other functions common to most DVR video software.

1. Secure suction bracket
2. External camera view
3. 4 Infrared LEDs
4. Interior camera view

MOB-RT Series Mobile DVRs

Designed for inside-vehicle placement, the MOB-RT Series provides cutting edge solutions for all types of mobile applications. This rugged mobile unit is built to withstand harsh conditions such as vibration, shock and temperature.

Features

- 4 and 8 Channel options available
- Compact size for vehicle installation
- Multi storage support - 2.5" removable hard drive, SD and SSD cards
- Built-in GPS for E-Map application
- Able to withstand high temperatures without an additional enclosure
- External I/O box for multiple sensors and alarms with a driver control panel
- Built-in regulating power supply for cameras (12V)

- Removeable storage for easy data and system management
- Various event detections including built-in G sensor
- Real time VGA display with the video output
- iPhone and Android mobile application
- Multilingual Graphical User Interface (GUI)
- 12 -36 VDC, Safety shut down mode and input power check
- Dimensions: 8.8" x 2.3" x 9.5" (225.5 x 59 x 242mm)

Mobile Viewing

Use your smartphone or tablet to connect and view video, other vehicle information and access stored information

Software

Server based remote access for multiple units allows instant video and position information. 2-way audio, alarm triggers and speed monitoring can all be easily accessed.
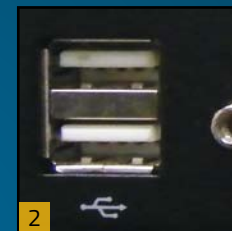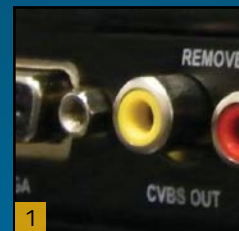
1 VGA, CVBS and RCA Outputs

2 Easy access to USB ports
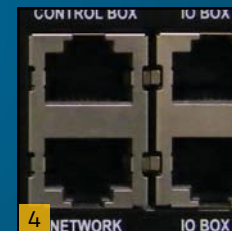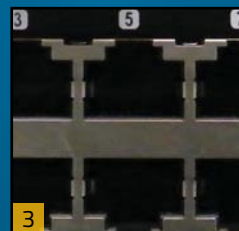
3 Camera input connections

4 Control box, I/O box and Network connections

MOB4 Mobile Security DVR

Designed for inside-vehicle placement, this vehicle powered portable DVR has connectors for 4 CCTV cameras and alarm outputs. Cameras (sold separately) can be placed anywhere, inside or outside. Multiple harness options are available for camera integration. Internal storage options include 2.5" hard drive or 2x CF cards.

Features

- Video inputs: 4, standard analog CCTV (1Vp-p, 75-ohms impedance) on BNC connectors
- Audio inputs
- Highest Frame Rate: 120fps max
- Built-in GPS
- Integration with Google™ maps
- USB port
- Removable CF card supported (not included)

- 3G or 4G streaming options available with ECL-MOB4G communications card
- Manual record button
- LINUX OS
- Multilingual software
- IR remote control included
- Power: 8-36VDC (350mA nominal- excluding storage and cameras)

Client Software
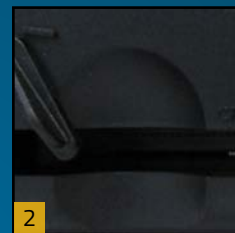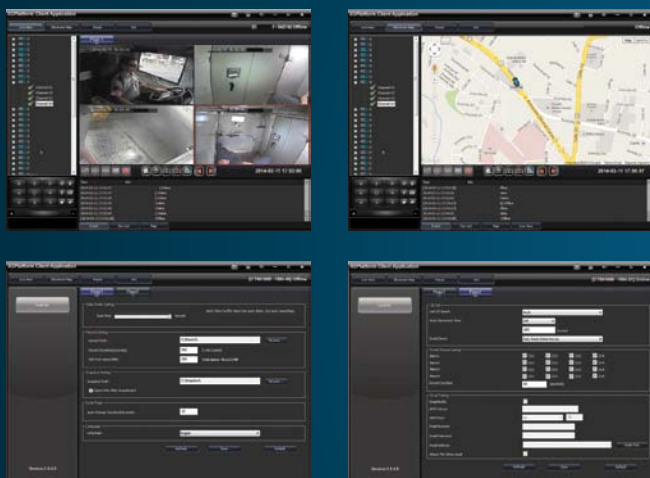
1 Reinforced brackets for installation

2 CF memory card slots
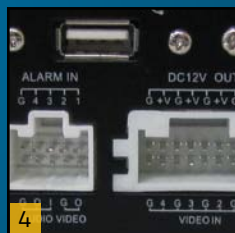
3 Camera inputs

4 Alarm and camera inputs

ECL-MOBC1
Mobile Camera

Image Sensor	1/4" Color CCD Sensor
Resolution	420 TVL
Lens	4.3mm fixed lens
Housing	High impact acrylic

ECL-MOBC2
Mobile Camera

Image Sensor	1/4" IR sensitive CCD
Resolution	420TVL
Lens	4.0mm fixed lens
IR	Auto IR array

ECL-MOBC3
Mobile Camera

Image Sensor	1/4" Color CCD
Resolution	420 TV Lines
Lens	4.0mm fixed lens
Housing	High impact acrylic

ECL-MOBC6
Mobile Camera

Image Sensor	1/4" Color CCD
Resolution	500 TV Lines
Lens	3.6mm w 160° FOV
Housing	Ball in socket

ECL-MOBC7
Mobile Camera

Image Sensor	1/4" Color CCD
Resolution	500 TV Lines
Lens	3.6mm wide angle
Housing	Orbital recessed mount

Perfect for Fleet Vehicles

ECL-454HN Board Camera

- Selectable flickerless mode
- 32 x 32mm board design
- Optional osd and ICR
- Digital noise reduction
- Lens shading and highlight compensations

Image Sensor	1/3" Hi Res CCD	Min. Illumination	0.5 Lux @ F1.2
Resolution	700 TV Lines	White Balance	Auto
Lens	3.6mm board lens	Electronic Shutter	Auto
Video Output	BNC Composite	Power	12 VDC, 75mA

ECL-554WD WDR Pinhole Camera

With unparalleled light balancing and advanced OSD controls, the 554WD was designed with the most demanding applications in mind.

- 1/3" Sony™ 960H double density (double scan) CCD combined with Sony™ EFFIO-P DSP
- True wide dynamic range (60dB) –1024X compared to average
- Advanced electronic shutter controls – Auto/schedule/manual
- 3D / 2D Dynamic noise reduction

Image Sensor	1/3" Sony™ DSP CCD	Min. Illumination	0.03 Lux
Resolution	700 TV Lines	White Balance	Auto
Lens	3.6mm pinhole lens	Electronic Shutter	Auto
Video Amplification	512X Sense-up	Power	12 VDC, 200mA

ECL-454CN Hi-Res Board Camera

- Selectable flickerless mode
- 32 x 32mm board design
- Optional osd and ICR
- Digital noise reduction
- Lens shading and highlight compensations

Image Sensor	1/3" Hi Res CCD	Min. Illumination	0.5 Lux @ F1.2
Resolution	700 TV Lines	White Balance	Auto
Lens	3.6mm conical pinhole	Electronic Shutter	Auto
Video Output	BNC Composite	Power	12 VDC, 75mA

ECL-554CN Board Camera in Case

Mini camera in a metal case with metal bracket, ideal for making hidden camera installations easy.

- Selectable flickerless mode
- 32 x 32mm board design
- Optional osd and ICR
- Digital noise reduction
- Lens shading and highlight compensations

Image Sensor	1/3" Hi Res CCD	Min. Illumination	0.5 Lux @ F1.2
Resolution	700 TV Lines	White Balance	Auto
Lens	3.6mm conical pinhole	Electronic Shutter	Auto
Video Output	BNC Composite	Power	12 VDC, 75mA

ECL-CPIRG Motion Sensor Camera

This smart CCTV camera includes a number of advanced features you'd rarely find in a hidden camera.

- Adjustable brightness and exposure
- Picture quality is always high thanks to 3 levels of wide dynamic range settings (DWDR)
- Bright lights are no problem with HLM - high light masking, which places a video "mask" over very high brightness points so the rest of the video is not washed away

Image Sensor	1/3" Hi Res color CCD	DWDR	3 selectable levels
Resolution	700 TV Lines	OSD	Built-in
Lens	3.6mm	Min. Illumination	0.6 Lux
Video Output	BNC Composite	Audio	1 RCA output

ECL-UCPIR Motion Sensor Camera

This working motion detector has a high resolution hidden camera AND invisible infrared LEDs (over 940nm).

- This hidden camera provides its own IR light, and what's more, it's invisible infrared (not the red glowing infrared LEDs you may have seen in standard IR enabled security cameras)
- Real motion detector with relay output

Image Sensor	1/3" Sony™ Super HAD II	Noise Reduction	2D & 3D
Resolution	700 TV Lines	White Balance	Auto
Lens	3.7mm pinhole	IR LEDs	24pcs covert IR
Video Output	BNC Composite	IR Range	20ft

ECL-SPR Sprinkler Head Camera

Fire sprinkler security camera is perfect for covert CCTV surveillance. No one will look twice at a water sprinkler in the ceiling.

- Perfect for waiting rooms, store rooms and anywhere you want a hidden camera and have a drop ceiling available for installation
- This is a non-working water sprinkler, it does not provide water flow

Image Sensor	1/3" Hi Res color CCD	Electronic Shutter	Auto
Resolution	460 TV Lines	Gain Control	Auto
Lens	3.7mm pinhole	Min. Illumination	0.6 Lux
Video Output	BNC Composite	Power	12VDC

ECL-CEXTH Exit Sign Camera

This EXIT sign has illuminated red letters and a hidden camera inside.

- Angled camera provides the perfect view when placed over doorways
- Designed for permanent mounting and connection to buildings

Image Sensor	1/3" Hi Res color CCD	Electronic Shutter	Auto
Resolution	700 TV Lines	Gain Control	Auto
Lens	3.6mm pinhole	Min. Illumination	0.5 Lux
Video Output	BNC Composite	Power	12VDC

ECL-CEMRH Emergency Light Camera

This security product combines a fully functional wall mount set of emergency lights and a hidden CCTV camera for surveillance.

- Contains a pair of bright, battery powered emergency lights and a hidden camera for covert surveillance
- An internal recharger makes sure the batteries are always ready (not included)

Image Sensor	1/3" Hi Res color CCD	Electronic Shutter	Auto
Resolution	700 TV Lines	Gain Control	Auto
Lens	3.6mm pinhole	Min. Illumination	0.5 Lux
Video Output	BNC Composite	Power	12VDC

ECL-SS454HP Wall Plate Camera

This blank wall plate has a high resolution CCTV pinhole spy camera built into it.

- Designed to look like a blank wall plate used to cover a typical mounting point for a telephone or light switch fixture, this stainless steel plate has a pinhole spy camera built into the opposite side

Image Sensor	1/3" Hi Res color CCD	Electronic Shutter	Auto
Resolution	700 TV Lines	Gain Control	Auto
Lens	3.6mm pinhole	Min. Illumination	0.3 Lux
Video Output	BNC Composite	Power	12VDC

ECL-670 Hi-Res Round Mirror Camera

A hidden camera in a round safety mirror can be used to increase personal safety for employees and customers when placed in the right position.

- Easy to mount on ATMs, kiosks and other locations where personal safety and privacy may be an issue
- The hidden camera let's you monitor everyone in camera range without anyone knowing they are being observed and possibly recorded using your security DVR

Image Sensor	1/3" Sony™ Super HAD	White Balance	Auto
Resolution	520 TV Lines	OSD	None
Lens	4.0mm fixed	Min. Illumination	0.2 Lux
Video Output	BNC Composite	Power	12VDC

ECL-680 Square Mirror Camera

A hidden camera in a safety mirror serves a dual purpose every business owner values.

- A mirror increases employee's abilities to see around corners to help avoid accidents. It can be used to monitor customer and visitor locations and activities
- The hidden camera let's you monitor everyone in camera range without anyone knowing they are being observed and possibly recorded using your security DVR

Image Sensor	1/3" Sony™ Super HAD	White Balance	Auto
Resolution	520 TV Lines	OSD	None
Lens	4.0mm fixed	Min. Illumination	0.2 Lux
Video Output	BNC Composite	Power	12VDC

ECL-553HD Hi-Res D/N Camera

Using a Sony™ ExVIEW™ HAD II video sensor and EFFIO signal processor, this full-size CCTV security camera packs a formidable punch.

- Use a standard C-mount or CS-mount lens or a new megapixel lens with this camera thanks to an industry standard lens mount

- Using the OSD menu (controls conveniently located on the back of the camera) you can make adjustments to white balance, shutter, gain, video quality and more

Image Sensor	1/3" Sony™ ExView™ CCD	IR Filter	Mechanical
Resolution	700 TV Lines	OSD	Built-in
Lens	Sold separately	Min. Illumination	0.01 Lux
Video Output	BNC Composite	Power	12VDC / 24VAC

ECL-Z27 27X Zoom w/ Autofocus

With an integrated 27X optical zoom lens and utilizing a Sony™ Effio video processor, this camera brings a screen up close with ease.

- Mechanical IR filter helps to bring out perfect color during the day and allows infrared sensitivity in darkness

- Universal RS485 controls

Image Sensor	1/4" Sony™ CCD	IR Filter	Mechanical
Resolution	600 TV Lines	OSD	Built-in
Lens	27x zoom w auto focus	Min. Illumination	0.01 Lux
Video Output	BNC Composite	Power	12VDC

ECL-583WD True WDR Double Scan

With unparalleled light balancing and advanced OSD controls, the 583WD was designed with the most demanding applications in mind.

- 1/3" Sony™ 960H double density (double scan) CCD combined with Sony™ EFFIO-P DSP

- True wide dynamic range (60dB) -1024X compared to average

- Advanced electronic shutter controls - Auto/schedule/manual

- 3D / 2D Dynamic noise reduction

camera housing subject to change

Image Sensor	1/3" Sony™ DSP CCD	Min. Illumination	0.03 Lux
Resolution	700 TV Lines	White Balance	Auto
Lens	Sold separately	Electronic Shutter	Auto
Video Amplification	512X Sense-up	Power	12 VDC / 24 VAC

ECL-595 Super Wide Angle Bullet

Meeting the needs of may applications where a fish-eye style lens is required for wide area surveillance. The 595 is specifically suited for challenging environments which require a specialized solution.

- A good choice for surveillance situations where small or cramped areas make coverage a challenge

- This waterproof CCTV camera has a 1/3" CCD video sensor coupled with a super wide angle lens that gives it exceptional surveillance ability

170° View

Image Sensor	1/3" Sony™ Super HAD	Angle of View	170°
Resolution	600 TV Lines	Gain Control	Auto
Lens	2.2mm super wide angle	Min. Illumination	0.5 Lux
Video Output	BNC Composite	Power	12VDC

ECL-597E Hi-Res Small IR Bullet

Produced as a low cost solution for many applications where budgetary concerns are present. This extremely affordable camera is still produced with the same Eclipse QC process.

- Designed with an automatic radiant infrared array and a solid metal case, the 597E provides sharp, clear high resolution color video rated at 600+ TV lines or greater

- A mechanical IR filter helps produce perfect color saturation during daytime and allows IR sensitivity during night time operation.

Image Sensor	1/4" CMOS Sensor	Electronic Shutter	Auto
Resolution	600 TV Lines	IR Filter	Mechanical
Lens	3.6mm fixed lens	IR LEDs	24pcs
Video Output	BNC Composite	IR Range	30-60ft

ECL-578 Hi-Res Varifocal IR Bullet

This outdoor bullet with high resolution CCD architecture and OSD menu is designed for anti-vandal applications and incorporates a secure varifocal lens adjustment with screw in covers.

- The 578 uses advanced video processing functions that lift traditional CCTV video technology to a new level and provides the user with crystal clear video images that can be modified using the on board OSD

- Equipped with Adaptive Tone Reproduction (ATR). This helps bring out the tone of colors on objects that are located between a bright area and a very dark area in the field of view

Image Sensor	1/3" Color CCD	Noise Reduction	2D & 3D
Resolution	600 TV Lines	OSD	Built-in
Lens	2.8-12mm Varifocal	IR LEDs	42pcs
Video Output	BNC Composite	IR Range	60-90ft

ECL-580 Hi-Res Varifocal IR Bullet

This outdoor bullet with high resolution CCD architecture and OSD menu is designed for anti-vandal applications and incorporates a secure varifocal lens adjustment with screw in covers.

- The 580 uses advanced video processing functions that lift traditional CCTV video technology to a new level and provides the user with crystal clear video images that can be modified using the on board OSD

- Equipped with Adaptive Tone Reproduction (ATR) which balances bright and dark areas in the field of view

Image Sensor	1/3" Sony™ ExView™ CCD	Noise Reduction	2D & 3D
Resolution	700 TV Lines	OSD	Built-in
Lens	2.8-12mm Varifocal	IR LEDs	60pcs
Video Output	BNC Composite	IR Range	120ft

ECL-599HT Hi-Res Tamperproof IR Bullet

Popular for its low noise very clean night time image and long range IR, this armored outdoor bullet is popular for industrial applications.

- Dragonfire LEDs provide long range infrared that reaches distances of 80ft or greater in the dark

- Anti-vandal, anti-tamper features include a hard all-metal case and an anti-slip bracket that requires a security tool for adjustment. Cables are routed through the bracket and can't be seen so they can't be pulled or cut

Image Sensor	1/3" Sony™ Super HAD II	Noise Reduction	2D & 3D
Resolution	750 TV Lines	OSD	Built-in
Lens	4.3 megapixel rated	IR LEDs	12 mid range 2 long range
Video Output	SDI / Composite	IR Range	80ft

ECL-600H9 Hi-Res Varifocal IR Bullet

Designed for medium to long range applications, this varifocal outdoor bullet provides a complete package for outdoor installations where details are essential.

- Drop-down installers port for easy access to varifocal controls, mini-joystick for OSD menu, test video connector for use during installation, and switch for deterrent strobe LED
- Adaptive tone reproduction (ATR) balances light levels on objects that appear between very bright and very dark sections of the screen
- Incorporated Sony™ DSP for 960H resolution

Image Sensor	1/3" Sony™ EXView CCD
Resolution	700 TV Lines
Lens	9-22mm Varifocal
Video Output	BNC Composite
Noise Reduction	2D & 3D
OSD	Built-in
IR LEDs	47pcs
IR Range	120ft

ECL-600HIM Hi-Res Varifocal IR Bullet

The advanced light balancing features in this outdoor bullet are designed for applications where bright and dark areas are a challenge.

- A secure installers hatch with easily accessible lens adjustments and controls, simplifies deployment
- Anti-vandal, anti-tamper features include a hard all-metal case and an anti-slip bracket that requires a security tool (supplied) for adjustment. Cables are routed through the bracket and can't be seen so they can't be pulled or cut
- Back box bracket available (see page 51)

Image Sensor	1/3" Sony™ CMOS 1.4MP
Resolution	1000 TV Lines
Lens	2.8-12mm Varifocal
Video Output	BNC Composite
Noise Reduction	2D & 3D
OSD	Built-in
IR LEDs	40pcs
IR Range	100ft

ECL-600HP WDR Varifocal IR Bullet

With unparalleled light balancing and advanced OSD controls, the 600HP was designed with the most demanding applications in mind.

- 1/3" Sony™ 960H double density (Double Scan) CCD combined with Sony™ EFFIO-P DSP
- True wide dynamic range (60dB) -1024X compared to average
- Advanced electronic shutter controls - Auto/schedule/manual
- Drop-down installers port for easy access to varifocal controls, mini-joystick for OSD menu, test video connector for use during installation, and switch for deterrent strobe LED

Image Sensor	1/3" Sony™ DSP CCD
Resolution	700 TV Lines
Lens	2.8-12mm Varifocal
Video Amplification	512X Sense-up
Noise Reduction	2D & 3D
OSD	Built-in
IR LEDs	47pcs
IR Range	120ft

ECL-644 Long Range Varifocal IR Bullet

Crystal clear 700+ TV line video with Effio video processing makes this long range camera perfect in many settings.

- This camera uses an auto-iris enabled 5-50mm varifocal lens to bring images up close and tight
- A mechanical IR filter helps keep images in focus during the day and night, eliminating IR "focus shift"
- Automatic or manual IR adjustment allows IR hot spot reduction and is ideal for license plate capturing

960H

bracket sold separately
(see page 50)

Image Sensor	Sony™ 1/3" EXView CCD	Noise Reduction	2D & 3D
Resolution	700 TV Line	OSD	Built-in
Lens	5-50mm Varifocal	IR LEDs	53pcs
Video Output	BNC Composite	IR Range	120ft

ECL-589 Varifocal IR Hybrid

This outdoor bullet with high resolution CCD architecture and OSD menu is designed for anti-vandal applications and incorporates a secure varifocal lens adjustment with screw in covers.

- Like the 580, the 589 uses advanced video processing functions that lift traditional CCTV video technology to a new level and provides the user with crystal clear video images that can be modified using the on board OSD
- Equipped with Adaptive Tone Reproduction (ATR)which balances bright and dark areas in the field of view

960H

Image Sensor	1/3" Sony™ ExView™ CCD	Noise Reduction	2D & 3D
Resolution	700 TV Lines	OSD	Built-in
Lens	2.8-12mm Varifocal	IR LEDs	42pcs
Video Output	BNC Composite	IR Range	60-90ft

ECL-556H Indoor Tinted Mini Dome

This mighty mini camera series incorporates advanced video processing functions a tinted lower dome to mask the direction of view

- Measuring only 3.5" in diameter, is is perfect for retail environments where a simple solution is needed
- The OSD image enhancement selections, courtesy of the Nextchip® video processing system, are easy to configure

Image Sensor	1/3" Color CCD	Noise Reduction	2D & 3D
Resolution	480 TV Lines	OSD	Built-in
Lens	3.6mm wide angle	Gain Control	Auto
Video Output	BNC Composite	Power	12VDC

ECL-548 Varifocal Dome

Built with vandals in mind, this camera has a hardened, thick metal case held together with security-screws. It routes the cable through the bottom (through the mounting surface - wall or floor) so nothing is exposed.

- Auxiliary video connector for use with battery powered portable test monitors
- The multilingual OSD menu in this camera provides the user with a window into a wealth of options

Image Sensor	1/3" Color CCD	Noise Reduction	2D & 3D
Resolution	600 TV Lines	OSD	Built-in
Lens	2.8-12mm Varifocal	Gain Control	Auto
Video Output	BNC Composite	Power	12 VDC

ECL-555EH Hi-Res Mini Turret Dome

Built for easy installation this snap-cover system and single security screw locking tab simplifies mounting.

- Perfect for creating high-grade kits or for projects where a simple solution is required
- New large gap retention system reduces glare and prevents hazing
- With its low profile design and small size, this mini dome blends in with many structures

Image Sensor	1/3" Color CCD Sensor
Resolution	600 TV Lines
Lens	3.6mm wide angle
Video Output	BNC Composite
Noise Reduction	2D & 3D
Gain Control	Auto
IR LEDs	22pcs
IR Range	30-50ft

ECL-555ES Hi-Res Mini Turret

Mighty mini OSD IR turret with Waterproof (IP68) technology and a hardened metal dome with anti-tamper features .

- Incorporates advanced video processing functions and easy OSD access with joystick on cable
- This mini dome, while measuring only 2.75" in diameter, can be utilized for any application where wide angle image is required
- With its low profile design and small size, this mini dome blends in with many structures

Image Sensor	1/3" Gen III CCD
Resolution	600 TV Lines
Lens	3.6mm wide angle lens
Video Output	BNC Composite
Noise Reduction	2D & 3D
OSD	Built-in
IR LEDs	12pcs
IR Range	30ft

ECL-588 Hi-Res IR Turret

With one of the most popular designs, this outdoor turret dome is easily mistaken with others but impossible to out perform.

- Advanced physical characteristics include a wide gap retention ring, lens separator ring, extremely low profile glass support lip and a high grade infrared system
- Front facing lens adjustment allows quick access to a megapixel rated varifocal lens inside
- Simplified design makes installation fast and easy. Wall mount bracket available (see page 51)

Image Sensor	1/3" Gen III CCD
Resolution	650 TV Lines
Lens	2.8-12mm Varifocal
Video Output	BNC Composite
Noise Reduction	2D & 3D
OSD	Built-in
IR LEDs	20pcs
IR Range	60-90ft

ECL-588H Hi-Res IR Turret

With one of the most popular designs, this outdoor turret dome is easily mistaken with others but impossible to out perform.

- Advanced physical characteristics include a heavy gauge aluminium base, wide gap retention ring, lens separator ring, extremely low profile glass support lip and a high grade infrared system
- Front facing lens adjustment allows quick access to a megapixel rated varifocal lens inside
- Simplified design makes installation fast and easy. Wall mount bracket available (see page 51)

Image Sensor	1/3" Gen III CCD
Resolution	1000 TV Lines
Lens	2.8-12mm Varifocal
Video Output	BNC Composite
Noise Reduction	2D & 3D
OSD	Built-in
IR LEDs	20pcs
IR Range	60-90ft

ECL-5HI Indoor Hi-Res IR Dome

Indoor dome camera with high resolution and an infrared subsystem under intelligent control that prevents IR washout

- Night time surveillance is aided by an array of 28 infrared LEDs. Staggered IR design provides better IR light distribution and less reflection
- Megapixel aspherical lens incorporated to prevent corner distortion

Image Sensor	1/3" Gen III CCD
Resolution	650 TV Lines
Lens	4.3mm Megapixel Rated
Video Output	BNC Composite
Noise Reduction	2D & 3D
OSD	Built-in
IR LEDs	28pcs
IR Range	60-80ft

ECL-5HIA Indoor Hi-Res IR VF Dome

This camera uses an advanced OSD menu and chipset that provide crystal clear video images at 650 TV-lines or greater.

- Night time surveillance is aided by an array of 28 infrared LEDs. Staggered IR design provides better IR light distribution and less reflection
- A bright white strobe LED that can be turned on/off at user discretion, alerts guests and visitors to the presence of CCTV cameras
- Megapixel aspherical lens incorporated to prevent corner distortion

Image Sensor	1/3" Gen III CCD
Resolution	650 TV Lines
Lens	2.8-12mm Varifocal
Video Output	BNC Composite
Noise Reduction	2D & 3D
OSD	Built-in
IR LEDs	28pcs
IR Range	60-80ft

ECL-557HIA Hi-Res Varifocal IR Dome

This outdoor dome camera contains a bank of infrared LEDs under SMART control. It provides a clear, sharp video image thanks to a high resolution video sensor and a varifocal lens.

- This UL approved infrared equipped outdoor dome camera has an impact resistant dome and a tough aluminum alloy one-piece base
- Staggered IR design provides better IR light distribution and less reflection

E329454

Image Sensor	1/3" Gen III CCD	Noise Reduction	2D & 3D
Resolution	650 TV Lines	OSD	Built-in
Lens	2.8-12mm Varifocal	IR LEDs	28pcs
Video Output	BNC Composite	IR Range	60 - 80ft

ECL-557HIM Hi-Res Varifocal IR Dome

This outdoor super high-resolution dome has 750 TV lines with a Mechanical IR Filter and 28 IR LEDs. It comes equipped with a mini strobe for deterrent, reinforced coated poly-carbonate dome cover that is impact resistant and a high-grade hard aluminum base.

- The 557HIM is designed to make vandalism virtually impossible
- Staggered IR design provides better IR light distribution and less reflection
- Incorporated active UTP video balun with gain control

E329454

Image Sensor	1/3" Sony™ Super HAD II	Noise Reduction	2D & 3D
Resolution	750 TV Lines	OSD	Built-in Advanced OSD
Lens	2.8-12mm Varifocal	IR LEDs	28pcs
Video Output	BNC Composite	IR Range	60 - 80ft

ECL-577WD Hi-Res Hyper WDR Dome

With unparalleled light balancing and advanced OSD controls, the 577WD was designed with the most demanding applications in mind.

- 1/3" Sony™ 960H double density (Double Scan) CCD combined with Sony™ EFFIO-P DSP
- True wide dynamic range (60dB) -1024X compared to average
- Advanced electronic shutter controls - Auto/schedule/manual
- 3D / 2D Dynamic noise reduction

Image Sensor	1/3" Sony™ DSP CCD	Min. Illumination	0.03 Lux
Resolution	700 TV Lines	White Balance	Auto
Lens	2.8-12mm Varifocal	Electronic Shutter	Auto
Video Amplification	512X Sense-up	Power	12 VDC, optional 12/24 dual

ECL-577WDI Hi-Res Hyper WDR IR Dome

With unparalleled light balancing and advanced OSD controls, the 577WDI was designed with the most demanding applications in mind.

- 1/3" Sony™ 960H double density (Double Scan) CCD combined with Sony™ EFFIO-P DSP
- True wide dynamic range (60dB) -1024X compared to average
- Advanced electronic shutter controls - Auto/schedule/manual
- 3D / 2D Dynamic noise reduction

Image Sensor	1/3" Sony™ DSP CCD	Min. Illumination	0.03 Lux
Resolution	700 TV Lines	IR LEDs	1pc
Lens	2.8-12mm Varifocal	IR Range	30ft
Video Amplification	512X Sense-up	Power	12 VDC, optional 12/24 dual

ECL-577 Varifocal Low Light Dome

This premium quality outdoor dome camera is packed with features. Foremost to users is a true 700 TV Line CCD with exceptional color reproduction and clarity.

- Adaptive Tone Reproduction (ATR), an advanced form of Digital Wide Dynamic Range (DWDR), especially useful in situations where you have high background lighting coupled with deep/dark shadows in the same scene

- Heavy duty internal metal 3D bracket resists vibration and movement - perfect for moving applications and places subject to heavy vibrations or jarring motion

- Pre Programmed by our engineers with optimal default settings to reduce in the field adjustments

- Wall mount bracket, pendant bracket and other accessories available (see page 51)

Image Sensor	1/3" Sony™ EXview CCD
Resolution	700 TV Lines
Lens	2.8-12mm Varifocal
Video Output	BNC Composite
Noise Reduction	2D & 3D
OSD	Built-in
Min. Illumination	0.001 Lux (sense-up)
Power	12 VDC

ECL-577DPS Varifocal IR Dome

This premium quality outdoor dome camera is packed with features. Foremost to users is a true 700 TV Line CCD with exceptional color reproduction and clarity.   A single high intensity long range "sniper" series infrared LED is incorporated into the aluminum housing. The design allows for zero maintenance in dusty or high air particle areas.

- Backlight compensation, high light compensation, ATW, AGC, enhanced intensity range, ACR and more in OSD Menu

- Heavy duty internal metal 3D bracket resists vibration and movement - perfect for moving applications and places subject to heavy vibrations or jarring motion

- Pre Programmed by our engineers with optimal default settings to reduce in the field adjustments

- Wall mount bracket, pendant bracket and other accessories available (see page 51)

Image Sensor	1/3" Sony™ EXview CCD
Resolution	700 TV Lines
Lens	2.8-12mm Varifocal
Video Output	BNC Composite
Noise Reduction	2D & 3D
IR LEDs	Built-in
IR LEDs	1pc
IR Range	30ft

ECL-577BDS Black Varifocal IR Dome

This premium quality outdoor dome camera is packed with features. Foremost to users is a true 700 TV Line CCD with exceptional color reproduction and clarity.   A single high intensity long range "sniper" series infrared LED is incorporated into the aluminum housing. The design allows for zero maintenance in dusty or high air particle areas.

- Backlight compensation, high light compensation, ATW, AGC, enhanced intensity range, ACR and more in OSD Menu

- Heavy duty internal metal 3D bracket resists vibration and movement - perfect for moving applications and places subject to heavy vibrations or jarring motion

- Pre Programmed by our engineers with optimal default settings to reduce in the field adjustments

- Wall mount bracket, pendant bracket and other accessories available (see page 51)

Image Sensor	1/3" Sony™ EXview CCD
Resolution	700 TV Lines
Lens	2.8-12mm Varifocal
Video Output	BNC Composite
Noise Reduction	2D & 3D
OSD	Built-in
IR LEDs	1pc
IR Range	30ft

# ECL-TMHD25 Dual Tech Multi Camera PTZ Thermal/20X HD Zoom Dome

Designed for perimeter protection and long range detection, the TM series thermal cameras can be combined with new or existing surveillance systems. The combination for this model is analog 720 x 480 thermal and 1080P HD-SDI. The BNC outputs of the thermal imaging and the secondary, independent video feed can be connected and monitored simultaneously.

- The thermal imaging output can produce images in complete absence of light, making it ideal for long range detection
- The independent output of the integrated HD zoom camera is perfect for increasing evidence and providing much needed details
- Integrate this technology with analytics for an added level of security and protection

Also available:
ECL-TMA36 Dual Tech PTZ Thermal/Analog 36X Zoom Camera
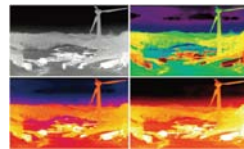
Thermal Fixed Lens Camera

Thermal Resolution	720 x 480
Lens	20mm (27° view)
Optional Lens	35mm (15.5°), 60mm (7.5°)
Video Output	BNC Composite (CVBS)
Image Mode	B&W / Inverted / Color

HD Zoom Camera

HD Resolution	1920 x 1080P HD-SDI
Image Sensor	1/2.8" Sony™ Exmor
Lens	20X (4.7 - 94.0mm)
Angle of View	55.4° - 2.9°
Video Output	BNC Digital HD-SDI

ECL-TM3 Dual Camera Thermal Bullet

The TM3 bring a new level of value to perimeter protection. This ultra affordable and versatile solution is ideally suited for harsh environments and high security areas. By integrating a thermal and a varifocal high resolution CCD camera, incidents can be captured in both formats simultaneously.

- Drop down installer's hatch for lens adjustment and OSD controls
- The thermal imaging output can produce images in complete absence of light, making it ideal for long range detection
- Integrate this technology with analytics for an added level of security and protection
- Package includes wall or ceiling mount back box for conduit and cable management

Thermal Fixed Lens Camera

Thermal Resolution	320 x 240
Lens	7.5mm (40°)
Optional Lens	19mm (16°), 35mm (9°)
Video Output	BNC Composite (CVBS)
Image Mode	White hot / Black hot

Standard

Resolution	960H 976 x 494
Image Sensor	1/3" Sony™ Super HAD CCD
Lens	6-50mm Varifocal
Video Output	BNC Composite (CVBS)

ECL-EXP18DS Explosion Proof PTZ camera

With an incorporated Sony™ 18X zoom module and a responsive 300° per second rotation system, this certified explosion proof combination is ideal for commercial and industrial hazardous area surveillance.

- 304 stainless steel construction (316L stainless steel optional)
- EX standard GB 3836 / EX certified CNEx10.1387X
- Supports RS485 programmable protocol
- Optional HD-SDI Zoom camera available
- Maximum impact resistance rated at 7J
- Can be deployed for high risk automation management

Image Sensor	1/4" Sony™ Super HAD
Resolution	960H
Lens	18x Optical 12x digital zoom
Video Output	BNC Composite
Noise Reduction	2D & 3D
OSD	Built-in
Rotation	360° Continuous
Operating Temp	-40°F - 158°F

ECL-EXP18PS Explosion Proof PTZ camera

With an incorporated Sony™ module and a laser PTZ system, this certified explosion proof combination is ideal for commercial and industrial hazardous area surveillance.

- 304 stainless steel construction (316L stainless steel optional)
- EX standard GB 3836 / EX certified CNEx10.1387X
- Supports RS485 programmable protocol
- Optional HD-SDI Zoom camera available
- Maximum impact resistance rated at 7J
- Can be deployed for high risk automation management

Image Sensor	1/4" Sony™ Super HAD
Resolution	960H
Lens	18x Optical 12x digital zoom
Video Output	BNC Composite
Noise Reduction	2D & 3D
OSD	Built-in
Rotation	355° Non continuous
Operating Temp	-40°F - 158°F

SP650E Outdoor PTZ Dome Camera

36X

Designed for outdoor environments were durability and top level performance are a must. This 36X long range PTZ combines micro stepping motors, digital stabilization and a superb image which allows tracking of any target under stressful conditions. A wall mount back box provides an easy point of access for all connections along with alarm input and outputs (8ch input 4ch output).

- Resolution 700 TV lines
- 36X optical zoom, 32 Digital zoom (Total 1152X)
- 57.8° - 1.7° view angle
- 400° per second
- 360° Continuous rotation
- 90° Vertical (tilt) Travel
- 128 programmable presets
- Manual pattern navigation recording
- Automatic default position function (home)

- Automatic focus lens
- Variable speed control
- Vector drive and micro-stepping technology
- White Balance
- 3D Dynamic noise reduction
- On Screen Display
- Multi Protocol
- 24 VAC / 2amp consumption

12"

ECL-SP650E

OPTIONAL PTZ CAMERA BRACKETS FOR SP600 SERIES

ECL-SP6BPE

ECL-SP6BC

ECL-SP6BH

ECL-SP6BWC

Recess Mount
for SP600

Pole Mount
for SP650E

Pendant Mount
for ECL-SP650E

Corner Mount
for ECL-SP650E

SP600 Indoor PTZ Dome Camera

12X

This 12X long range PTZ combines micro stepping motors, digital stabilization and a superb image which allows tracking of any target under stressful conditions.

- Resolution 700 TV lines
- 12X optical zoom, 32 Digital zoom (Total 384X)
- 360° per second
- 360° Continuous rotation
- 90° Vertical (tilt) Travel
- 128 programmable presets
- Manual pattern navigation recording

- Automatic default position function (home)
- Automatic focus lens
- Vector drive and micro-stepping technology
- 3D Dynamic noise reduction
- On Screen Display
- 24 VAC / 1amp consumption

7.22"

ECL-SP600

SP740 Series IR PTZ Camera

23X

15"

IR PTZ domes can be added to most projects to increase functionality of the DVRs existing features. This unique design is carefully constructed to manage heat and reduce glare while illuminating great distances. Meticulous attention to detail is the only possible way to achieve visibility at hundreds of feet in distance.   Smart pattern record, intelligent IR illumination with auto adjust and IR hot spot reduction are just a few of the many features. The heavy duty aluminum-alloy base provides a cable feed-through path that protects the video and power cables from being vandalized.

- Resolution 960H 1/3" large format CCD
- 700+ TV lines
- 23X optical zoom, 10X Digital zoom (Total 230X)
- 57.8° - 1.7° view angle
- 300° per second
- 360° Continuous rotation
- 90° Vertical (tilt) Travel
- 128 programmable presets
- Manual pattern navigation recording

- Automatic default position function (home)
- Automatic focus lens
- Variable speed control
- White Balance
- 3D Dynamic noise reduction
- On Screen Display
- Multi Protocol 24 VAC / 3amp consumption
- Additional mounting brackets are available and sold separately

ECL-SP740

PTZ CAMERA MODULES
FOR SP600 & SP700 SERIES*

- 1/4" Sony™ EX-View HAD CCD
- 540 eTV Lines - 800 iTV Lines
- 380,000 Effective Pixel Range
- Electronic Slow Shutter
- Back Light Compensation
- White Balance: Auto, ATW, Indoor, Outdoor, Manual
- Electronic Flip
- Privacy Zone Masking (24 positions)

*Optional upgraded modules for all PTZ domes

90 Series
- **36x Optical 12x Digital Zoom (432X Total)**
- Minimum Illumination 0.1 LUX
- Auto IR Cut Filter

★★★★★ **BEST**

80 Series
- **26x Optical 12x Digital Zoom (312X Total)**
- Minimum Illumination 1.0 LUX
- Auto IR Cut Filter

★★★★½ **BETTER**

70 Series
- **18x Optical 12x Digital Zoom (216X Total)**
- Minimum Illumination 0.7 LUX
- Auto IR Cut Filter

★★★★☆ **GOOD**

ECL-SP740W
Lens wiper option

SP380I Outdoor Mini IR PTZ Camera

Internally, this outdoor PTZ camera has a 1/3" Sony™ CCD video sensor working in conjunction with a state-of-the-art Sony™ Effio™ digital signal processor. A bank of high intensity IR LEDs, with a range of 150' or more, help brighten images and reduce noise produced by automatic gain control.

The SP380I offers continuous 360° rotation with no dead spots. This model's pan/tilt motor gives it the ability to turn at speeds up to 220° per sec. It has smart pattern record, intelligent IR illumination with auto adjust, IR hot spot reduction, auto-flip, auto-focus, 10x digital zoom, video freeze and can be programmed with multiple tours.

- 1/3" Sony™ CCD video sensor
- Sony™ Effio digital signal processing (DSP)
- 960H 700 TV lines
- SMART IR
- All metal construction
- Long range infrared subsystem with a range of 150ft or more

- Glare and haze reducing design
- 10x optical zoom
- 220° per second rotational speed
- Auto-focus
- 128 Presets
- Multiple Tours

10X

ONLY 8.1"

Dragonfire IR

SP3P3 - 3" ceiling bracket
SP3P6 - 6" ceiling bracket

Made of high quality aluminum alloy, these brackets are designed for use with our outdoor high intensity infrared camera models like the SP380I

SP300E Outdoor Mini PTZ Cameras

The SP300E mini PTZs have 360° continuous rotation and connect to almost any DVR. Camera movement is 36° per second under manual control and up to 240° per second under pre-set mode or recall.

- 3.8 inches in diameter
- 1/4" Hi-Res Samsung DSP CCD
- 600 TV Lines
- 240° Per Second (on presets)

- 128 Presets
- 6 Tours
- 10x Optical Zoom

ECL-CN430 2 Axis PTZ Controller

This PTZ controller has multiple built-in camera protocols and has RS232 and RS485 connectors.

- It offers a 2-axis joystick and a keyboard (with LCD display) to select and control pan/tilt of a single camera in an array of up to 255 speed dome cameras
- The variable speed joystick is sensitive to slightest manipulation and instantly transfers command to PTZ devices
- Other commands like preset recall, pattern recording and OSD settings can all be performed

ECL-CN530 3 Axis PTZ Controller

This PTZ controller has multiple built-in camera protocols and has a key-lock out feature.

- It offers a 3-axis joystick and a keyboard (with LCD display) to select and control pan/tilt of a single camera in an array of up to 255 speed dome cameras
- The variable speed joystick is sensitive to slightest manipulation and instantly transfers command to PTZ devices
- Other commands like preset recall, pattern recording and OSD settings can all be performed

ECL-CN600 3 Axis PTZ Controller

This hybrid PTZ / DVR controller can be utilized for large projects where controlling PTZ devices and accessing recorded data instantly can be crucial.

- It offers a 3-axis joystick and a keyboard (with LCD display) to select and control pan/tilt of a single camera in an array of up to 255 speed dome cameras
- The variable speed joystick is sensitive to slightest manipulation and instantly transfers command to PTZ devices
- Other commands like preset recall, pattern recording and OSD settings can all be performed

ECL-2812AIV Auto Iris Varifocal Lens

- 2.8-12mm varifocal lens
- Auto-iris (DC control)
- F1.4
- High impedance
- Angle of view: 95.6° -22.1°

ECL-358AIV Auto Iris Varifocal Lens

- 3.5-8mm varifocal
- Auto iris (DC)
- F1.4 CS mount
- High Impedance
- Angle of view: 81.9° - 35 °

ECL-660AIV Auto Iris Varifocal Lens

- 6-60mm varifocal lens
- Auto-iris (DC control)
- F1.6
- High impedance
- Angle of view: 49.3° -4.7°

ECL-615AIV - 6-15mm auto iris varifocal lens

ECL-5100AIV Auto Iris Varifocal Lens

- 5-100mm varifocal lens
- Auto-iris (DC control)
- F1.8
- High impedance
- Angle of view: 50.1° -2.8°

ECL-582AIV Auto Iris Varifocal Lens

- 5-82mm varifocal lens
- Auto-iris (DC control)
- F1.8
- High impedance
- Angle of view: 63.4° - 3.9°

ECL-358MP Megapixel Auto Iris Varifocal

- 3.5-8mm varifocal megapixel lens
- Auto iris (DC Control)
- Megapixel compatible, up to 1.3MP
- Enhanced IR operation
- Best for day/night surveillance cameras

ECL-308MP2 Megapixel IR Corrected

- 3-8mm varifocal megapixel lens
- Auto iris (DC Control)
- Megapixel compatible, up to 2MP
- Enhanced IR operation
- Best for day/night surveillance cameras

ECL-2812MP2 Megapixel IR Corrected

- 2.8-12mm varifocal megapixel lens
- Auto iris (DC Control)
- Megapixel compatible, up to 2MP
- Enhanced IR operation
- Best for day/night surveillance cameras

ECL-203B 4" Aluminum Bracket

- 4" long (101.60mm)
- Aluminum
- Adjustable swivel head
- X-bar attachment: model ECL-203XB
- L-bracket attachment: model ECL-203LB
- 2.5 inch extension: ECL-203EB

ECL-202 - 7" swivel head bracket
ECL-202B - Black 7" swivel head bracket
ECL-203W - White 4" Aluminium bracket
ECL-204L - "L" shaped heavy duty bracket 9" long with 7" curve
ECL-206 - Beige 7" tilt head bracket
ECL-206B - Black 7" tilt head bracket

ECL-210 Metal Camera Bracket

- Outdoor housing bracket
- 360° swivel head
- Baked finish
- Color: beige
- Aluminum construction
- Dimensions: 8" (205mm)

ECL-210B - Black metal camera bracket
ECL-210W - White metal camera bracket

ECL-205 Metal Housing Bracket

- Outdoor design
- Aluminum
- 360° swivel head
- Color: ivory
- Dimensions: 11.22" (285mm)

ECL-205PM - Pole mount adaptor for ECL-205 brackets

ECL-HD5VWB Wall Bracket for HD5V

- Aluminum with baked finish.
- Perfect for ECL-HD5V
- Rubberized seals
- Heavy Duty
- Gang box built-in design
- Indoor/outdoor
- Camera sold separately

ECL-557WB Wall Bracket for 557 Series

- Aluminum with baked finish
- For ECL-557 series
- Rubberized seals
- Flip up design with kickstand
- Camera sold separately

ECL-557BB - Back box for ECL-557 series

ECL-577BK Wall Bracket for 577 Series

- Aluminum with baked finish
- For ECL-577 series
- Rubberized seals
- Indoor/outdoor
- Camera sold separately

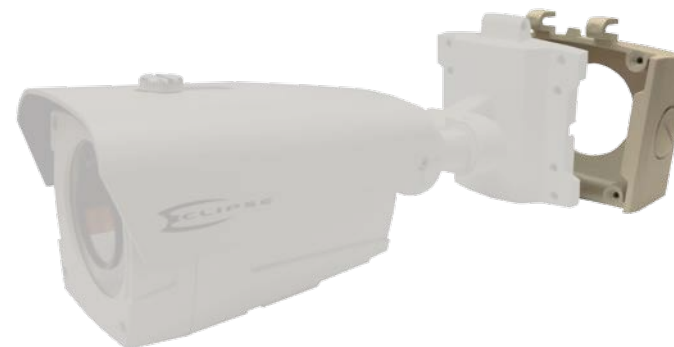ECL-577BP6 - 6" pendant bracket for ECL-577 series
ECL-577BP12 – 12" pendant bracket for ECL-577 series

ECL-588BK Wall Bracket for 588 Series

- Aluminum with baked finish
- For ECL-588 series
- Indoor/outdoor
- Camera sold separately

ECL-600BB Back Box for ECL-600HIM

- Solid aluminum alloy
- For ECL-600HIM
- Indoor/outdoor
- Baked finish
- Camera sold separately

ECL-601 Aluminum Housing

- Removable sun-shield
- Easy to open
- Weatherproof design
- Aluminum construction
- Color: Brushed aluminum
- Dimensions: 11.25" x 3.75" x 3.5" (298.45 x 95.25 x 88.9mm)

ECL-601S - Short aluminium housing Dimensions: 7.75" x 3 .75" x 3.5"

ECL-605 Clamshell Housing

- Customizable internal bracket
- Clamshell design
- Sealed camera enclosure
- Aluminum construction
- Beige baked finish
- Dimensions: 14.75" x 5.5" x 4.25" (374.65 x 139.7 x 107.95mm)

ECL-605S Short Clamshell Housing

- Customizable internal bracket
- Sunshield and latch
- Clamshell design
- Sealed camera enclosure
- Aluminum construction
- Beige baked finish
- Dimensions: 9.75" x 5.5" x 4.25" (247.65 x 139.70 x 107.95mm)

ECL-605HB Clamshell Housing with Heater / Blower

- Customizable internal bracket
- Sealed camera enclosure
- Aluminum construction
- Beige baked finish
- Voltage: 24VAC
- Current draw: approximately 840mA (nominal)
- Dimensions: 14.75" x 5.5" x 4.25" (374.65 x 139.7 x 107.95mm)

ECL-605IR Clamshell Housing with IR

- Sealed camera enclosure
- Aluminum construction
- Baked finish
- IR range: 10-30 meters
- 20 Infrared LEDs
- Infrared: 840nm wavelength
- Dimensions: 14.75" x 5.5" x 4.25" (374.65 x 139.7 x 107.95mm)

ECL-IR160 160' Infrared Illuminator

- Weather proof
- Aluminum construction with baked finish
- Outdoor or indoor use
- Auto on/ auto off
- Infrared source: 115 LEDs (840nm)
- Illumination angle: 60°
- Maximum distance: 160 feet
- Power: 12VDC

ECL-605HBI Clamshell Housing with Heater / Blower and IR

- Sealed camera enclosure
- Aluminum construction
- Baked finish
- IR range: 10-30 meters
- 20 Infrared LEDs
- Infrared: 840nm wavelength
- Voltage: 24VAC
- Current draw: approximately 840mA
- Dimensions: 14.75" x 5.5" x 4.25" (374.65 x 139.7 x 107.95mm)

ECL-IR300 300' Infrared Illuminator

- Weather proof
- Aluminum construction with baked finish
- Outdoor or indoor use
- Auto on/ auto off
- Infrared source: 115 LEDs (840nm)
- Illumination angle: 60°
- Maximum distance: 300 feet
- Power: 12VDC

Made in U.S.A.

E316342

12V DC Power Supplies 4, 8 & 16CH

These UL listed wall mount power supplies are housed in a metal cabinet. They have four (4), eight (8) or sixteen (16) individually fused outputs and a status LED. The metal cabinet can be locked and has marked knockouts for customization

- 4, 8 & 12 amps continuous current
- Individually fused regulated outputs with LED indicators
- Dimensions: 4 & 8 outputs: 9.75" x 3.75" x 8.125" 16 outputs: 12.25 x 12.25 x 4"

ECL-PS4DC	4CH - 4AMP
ECL-PS8DC	8CH - 4AMP
ECL-PS8DCH	8CH - 8AMP
ECL-PS16DC	16CH - 8AMP
ECL-PS16DC12	16CH - 12AMP

24V AC Power Supplies 4, 8 & 16CH

E316342

These UL listed wall mount power supplies are housed in a metal cabinet. They have four (4), eight (8) or sixteen (16) individually fused outputs and a status LED. The metal cabinet can be locked and has marked knockouts for customization

- 4, 8 & 12 amps continuous current
- Individually fused regulated outputs with LED indicators
- Dimensions: 4 & 8 outputs: 9.75" x 3.75" x 8.125" 16 outputs: 12.25 x 12.25 x 4"

ECL-PS4AC	4CH - 4.2AMP
ECL-PS8AC	8CH - 4.2AMP
ECL-PS8ACH	8CH - 8AMP
ECL-PS16AC	16CH - 8AMP
ECL-PS16ACH	16CH - 16AMP

12V DC Power With Battery Back-Up

E316342

These UL listed wall mount power supplies are housed in a metal cabinet. They have four (4), eight (8) or sixteen (16) individually fused outputs and a status LED. The metal cabinet can be locked and has marked knockouts for customization

- 4 and 8 amps continuous current
- Individually fused regulated outputs with LED indicators
- 7.5 amp hour sealed rechargeable battery
- 4, 8 &16 outputs: 12.25 x 12.25 x 4"

ECL-PS4DCB	4CH - 4AMP
ECL-PS8DCB	8CH - 4AMP
ECL-PS16DCB	16CH - 8AMP

ECL-121R Regulated 12VDC Adaptor

- Compact size
- 110 VAC to 12 VDC
- Output connection: DC plug-in-jack
- Input connection: 110 VAC wall outlet
- Power output: 1000mA
- 6 foot cord
- Class 2 transformer
- UL/CE listed

ECL-12500R - 12VDC regulated adaptor with 500mA output
ECL-122R - 12VDC regulated adaptor with 2000mA output
ECL-123R - 12VDC regulated adaptor with 3000mA output

ECL-2440 24 VAC Power Adaptor

- 110 VAC to 24 VDC
- Output connection: 2 screw terminal
- Input connection: 110 VAC wall outlet
- Power output 40vA
- Class 2 transformer

ECL-1640 - 16.5 VAC 40VA class 2 transformer

ECL-CON22 Power Connectors

ECL-CON22
- 2.1mm straight DC power plug

ECL-CON21
- 2.1mm right angle DC power plug

ECL-PLUG21
- 2.1mm DC power plug
- 3 foot lead

ECL-PLUG1S4
- 2.1mm DC power splitter
- 1 in 4 out

ECL-CON22F - Female DC power plug
ECL-PLUG21F - Female DC power plug with 3 foot lead

ECL-PS1224 Linear Power Supply

- 1.3 Amps output, 12 or 24 VDC
- Self-resetting SmartFuse protection
- Rapid battery charging
- Transformer: 16.5V, 24VA for 12 V operation or 24V, 40VA for 24 V operation (transformer sold separately)

ECL-SW1224 - 2.5Amp Switching power supply (transformer sold separately)

ECL-VPA In-Line Video Amplifier

- 1-input/1-output
- BNC style connectors
- Adjustable gain controls
- Up to 20db compensation
- Power: 12VDC, 60mA (not included)
- Dimensions: 4.92" x 4.13" x .98" (125 x 105 x 25mm)

ECL-VPA4 Video Distribution Amplifier

- 1-input/4-outputs
- BNC style connectors
- Adjustable gain controls
- Up to 20db compensation
- 1 Vp-p / 75ohms
- 12 VDC / 60mA (not included)
- Dimensions: 4.92" x 4.13" x .98" (125 x 105 x 25mm)

ECL-VPA8 Video Distribution Amplifier

- 1-input/8-outputs
- BNC style connectors
- Up to 20db compensation
- 1 Vp-p / 75ohms
- 12 VDC / 60mA (included)

ECL-VGAC VGA Converter

- Analog to Digital
- Use VGA with any DVR
- Compact size
- Professional solution
- No software required
- On screen display
- Resolution: 640 x 480
- Power: 5VDC (included)

ECL-VGAE VGA Extender

- VGA Balun 2 piece Set
- Extend Cable to 445ft
- Transmits VGA monitor signals
- Input signals: all resolution VGA
- Transmission distance: 196-442
- Cable: RJ-45 style CAT5 shielded or unshielded twisted pair cable
- Dimensions: 4.33" x 3.03" x 0.94" (110 x 77 x 24mm)

ECL-MIC Microphone

- Audio output RCA connector
- Very small form factor
- Covers an entire standard room
- Built-in pre-amplifier
- 5" (127mm) microphone extension
- Power: 12VDC (not included)

ECL-A2D AC to DC Power Converter

- Output power: DC12 V regulated
- Output current: 500mA
- 2.1mm DC power plug
- Screw terminal block input
- Flexible input voltage: 20-28VAC or 16-30VDC

ECL-A2D1 - Converter up to 1000mA

ECL-TM60 Timer Module
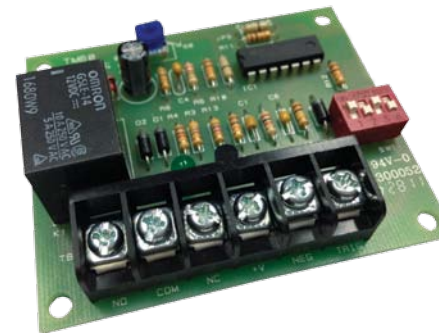
- 12/24VDC operation
- Form C contacts rate 5 amps
- Accepts positive or negative trigger
- Timer activates on application or removal of trigger
- Wet contacts for reduced wiring
- Oscillating flasher option

ECL-BTB Video Balun

- Compact size
- BNC for coaxial
- Terminal block for twisted pair
- Passive, no power required
- Transmits full motion color up to 1,312ft (400m)
- UTP (un-shielded twisted pair)

ECL-B45- Video balun with RJ45 connection

ECL-B45PW Video Balun with Power

- Compact size
- BNC for coaxial
- Terminal block for twisted pair
- Passive, no power required
- Integrated camera power cable
- Transmits full motion color up to 1,312ft (400m)
- UTP (un-shielded twisted pair)

ECL-BTM 2 Pack Video Baluns

- Compact size
- BNC for coaxial
- Terminal block for twisted pair
- Passive, no power required
- Transmits full motion color up to 1,312ft (400m)
- UTP (un-shielded twisted pair)

ECL-BMX Push Terminal Balun

- 5" Flexible cable
- BNC for coaxial
- Push connections for twisted pair
- Passive, no power required
- Transmits full motion color up to 1,312ft (400m)
- UTP (un-shielded twisted pair)

ECL-B45PT Video Balun with Cord

- Compact size
- 4' Flexible cable
- BNC for coaxial
- Terminal block for twisted pair
- Passive, no power required
- Transmits full motion color up to 1,312ft (400m)
- UTP (un-shielded twisted pair)

ECL-B45AV Video & Audio Transceiver

- Filters audio and video signals
- Left/Right channel stereo support
- BNC male + 2 RCA female to RJ45 female
- Video and stereo audio transmission over CAT 5 twisted pair style cable.

ECL-B45X4 4 Way Video Transceiver

Front

Back

- 4 Channel
- BNC for coaxial
- Terminal block for twisted pair
- Built-in noise filter
- Transmits full motion color up to 1,312ft (400m)
- UTP (un-shielded twisted pair)

ECL-B45DT 4 Way Transceiver & Data

- 4 Channel
- BNC for coaxial
- Terminal block for twisted pair
- Built-in noise filter
- Serial data filter
- Transmits full motion color up to 1,312ft ft (400m)
- UTP (un-shielded twisted pair)

ECL-BTT Video Balun Transmitter

- Full motion color or B/W video signal
- Data terminal block for easy installation
- Flexible power: AC24V / DC12V dual power
- Transmitter equipped with camera power out
- Adjustable distance up to 1.5km
- Built-in transient protection and ground lifting for voltage spikes
- Exceptional interference immunity
- Connect multiple transmitters to ECL-B8HUB or ECL-B16HUB
- Power supply included

ECL-BTR Video Balun Receiver

- Full motion color or B/W video signal
- Data terminal block for easy installation
- Flexible power: AC24V / DC12V dual power
- Receiver equipped with camera power out
- Adjustable distance up to 1.5km
- Built-in transient protection and ground lifting for voltage spikes
- Exceptional interference immunity
- Power supply included

ECL-BTWT Video Balun Transmitter

Front

Back

- Full motion color or B/W audio/video signals and data
- Transmitter equipped with camera power out
- Adjustable distance up to 1.5km
- Integrated data pass through for sensors or PTZ (RS-485)
- Built-in transient protection and ground lifting for voltage spikes
- Exceptional interference immunity
- Connect multiple transmitters to ECL-B8HUB or ECL-B16HUB
- Power supply included

ECL-BTWR Video Balun Receiver

Front

Back

- Full motion color or B/W video signal and data
- Receiver equipped with camera power out
- Adjustable distance up to 1.5km
- Built-in transient protection and ground lifting for voltage spikes
- Exceptional interference immunity
- Power supply included
- Use with ECL-BTWT

ECL-B4HPW 4 Port Hub

Front

Back

- 4 port passive hub
- Sends power to cameras
- Use with ECL-B45X4 on the receiver side
- Use with ECL-B45PW for powering cameras through CAT 5 cable
- 12 VDC adaptor included

ECL-B8HUB 8 Port Active Receiver Hub

Front

Back

- Adjustable power (DIP switches on front)
- Full motion color or B/W video signal
- Twisted pair terminal block
- BNC out to monitors or multiplexers
- Independent LED indicators
- Power supply included

ECL-B16HUB 16 Port Active Receiver Hub

Front

Back

- Adjustable power (DIP switches on front)
- Full motion color or B/W video signal
- Twisted pair terminal block
- BNC out to monitors or multiplexers
- Independent LED indicators
- Power supply included

ECL-BALDVR Balun & Signal Filter

- Filters video signal
- Balances impedance
- BNC male to BNC female
- 11.8" (299.72mm) cable
- Filters interference from other signals such as data, telephone, fluorescent lights, AC lines and other sources.

ECL-BSUR Video Surge Protector

- Filters signals
- Blocks surges
- BNC in-line coaxial surge protector
- BNC male to BNC female
- Sturdy metal case design
- Attached ground lead

ECL-BSUR45 Video Surge Protector

- Filters signals
- Blocks surges
- RJ45 style connectors
- Unshielded twisted pair (UTP) video surge protector
- RJ-45 to RJ-45 style jacks
- Attached ground lead

ECL-BSURD Video Surge Protector

- Filters signals
- Blocks surges
- Terminal block connectors
- Unshielded twisted pair (UTP) video or data surge protector
- Terminal connectors on both ends
- For serial data lines (RS485, etc.)
- Attached ground lead

ECL-BSURVD Video Surge Protector

Front

Back

- Filters signals
- Blocks surges
- BNC & terminal block connector
- BNC female + terminal to BNC female + terminal
- Terminals for bare wire serial signal connection

ECL-RSD4 4 Ch Serial Distributor

Front

Back

- 4 RS485 Serial Outputs
- Connection Range up to 1200 meters
- Cascade to other RSD4 or RSD8 units
- Power 12VDC Included
- Consumption 350mA
- 5.24" x 2.99" x 1.73" (133 x 76 x 44mm)

ECL-RSD8 8 Ch Serial Distributor

Front

Back

- 8 RS485 Serial Outputs
- Connection Range up to 1200 meters
- Cascade to other RSD4 or RSD8 units
- Power 12VDC Included
- Consumption 350mA
- 18.98" x 3.94" x 1.73" (482 x 100 x 44mm)
- Rack mountable

ECL-CN550 Serial Data Convertor

- DB9 connector on RS232 side
- Screw terminal connector on RS485 side
- Working mode: Asynchronous half-pair-work difference transmission
- Convert serial RS232 to compatible signals for use by POS and other equipment

ECL-CN560 RS485 to USB Converter

- Isolated converter
- Links readers and PC to achieve Networking Access Control
- LED Inidcators for power and communication, for debugging and status RS485 signals LEDs
- Bare wire terminal block

ECL-CN580 - RS485 to TTL converter

ECL-LCD25 2.5" Test Monitor

- Color, back-lit 2.5" diagonal screen
- Standard analog CCTV composite video input (BNC)
- 640 x 480 resolution screen
- Rechargeable battery pack included
- Bi-color status indicators
- Lightweight, under 6 oz.
- Power adapter/recharger included.
- Tough, ABS housing

ECL-LCD19 19" LCD Monitor

- Computer monitor
- VGA output
- Some models available with HDMI output
- Other sizes available

ECL-LCD24 - 24" LCD Monitor

ECL-VGAMS Articulating Wall Bracket

- 180° swivel
- Adjustable 90° tilt up or down
- Collapses to 1.6" from the wall
- Fits most 15" - 22" monitors
- VESA Mounting Hole Patterns

ECL-VGAML - Articulating wall bracket for 23"-32" monitors

ECL-VGA4X VGA Splitter

- 1 VGA in/4 VGA out
- Resolution 2048 x 1536
- Bandwidth 450MHz
- Up to 180' (55m)
- 12VDC / 1Amp (included)

ECL-VGA8X - 1 VGA in / 8 VGA out

ECL-1000

- BNC female to female connector

ECL-1003

- BNC male to male connector

ECL-1004

- RCA female to female connector

ECL-1005

- BNC female to F male adapter

ECL-1010

- BNC female to RCA male adapter

ECL-1020

- BNC T-splitter
- Female/male/female

ECL-1025

- BNC T-splitter
- Female/female/female

ECL-1030

- RCA female to BNC male adapter

ECL-1035

- F-female to BNC male adapter

ECL-1050

- BNC female to BNC male 90° right angle adapter

ECL-1110

- Twist-on BNC male connector for RG-59

ECL-1114

- Twist-on BNC male connector for RG-6

ECL-1180

- RCA male compression connector for RG59
- A/V color bands

ECL-1185

- F-male compression connector for RG-59

ECL-1190

- BNC male compression connector for RG-59
- A/V color bands

ECL-2110

- 2-piece crimp-on BNC male connector for RG-59

ECL-2114

- 2-piece crimp-on BNC male connector for RG-6

ECL-RJ45

- For CAT5 unshielded twisted pair (UTP) cables
- 8 pins for 8 conductors
- Standard industry fit

ECL-2010

- **Adjustable wire stripper**
- High impact plastic
- Carbon steel blades

ECL-2020

- **Beanie crimper / wire stripper**
- Spring loaded
- Insulated handle
- Multi-gauge, for 10-22AWG solid or stranded wire
- Built-in cutter

ECL-2025

- **Wire stripper / cutter**
- Spring loaded
- Insulated handle
- Multi-gauge, for 10-22AWG solid or stranded wire
- Locking latch

ECL-2030

- **Wire cutters**
- Hardened steel
- Insulated handle
- Spring loaded
- Straight cut

ECL-2040

- **Wire cutter / stripper**
- Cuts multi-conductor up to 0.5"
- Cuts solid wire up to 8 gauge
- Soft, insulated handles
- Spring loaded
- Locking latch

ECL-2050

- **Pro crimp tool**
- For RG-6/59/62
- Adjustable tension
- Insulated handles
- Tension adjustment
- Hex size: 0.255", 322

ECL-2060

ECL-2070

ECL-2080

- **Ratcheting crimp tool**
- Insulated handle
- Complete with interchangeable die set
- For RG-58/59/62
- BNC/TNC 3pcs

- **Modular crimp tool**
- Crimps RJ-11/45/6P4P/8P8C/RJ-12
- Heat treated carbon steel
- Features on-board cable cutter
- Non-ratchet design

- **Ratcheting crimp tool**
- Crimps RJ-11/45/6P4P/8P8C/ RJ-12
- Heat treated carbon steel
- Features on-board cable cutter

ECL-2090

ECL-2100

ECL-2200

- **3-in-1 Compression crimp tool**
- F, RCA, & BNC
- Compact design
- Tension adjustment
- Spring loaded
- Locking latch

- **Tone generator tool**
- Test lead set with alligator clips and RJ-11 4-conductor cord plug
- Volume control
- Selectable single or dual alternate tone
- Includes zippered case

- **Lineman's test set**
- TMF and pulse tone
- Last number re-dial
- High/low impedance
- Includes spring loaded belt clip and piercing alligator clips

ECL-2302 Black Cable Clips

- Aluminum and plastic
- Hammer-down style
- 100 piece bag

ECL-2301 - White cable clips

ECL-BEANIEG Gel Filled Beanies

- Non-hardening Gel Moisture Barrier
- Easy to Squeeze Soft Brass Crimp
- Insulation Piercing Internal Teeth
- Durable Protective Outer Covering
- 18 to 30 Gauge Wire Range

ECL-CON18 Crimp Connector

- Crimp style connector
- 18 gauge
- Black
- 100 piece bag

ECL-TW4 4" Nylon Zip Tie Wrap

- Tough nylon design
- Superior Locking Cable Ties
- Fast And Easy Installation
- All Purpose Attachment

ECL-TW8 - 8" Nylon zip tie wrap

ECL-CAT5E-10 10' Cat5E Patch Cable

- Molded RJ45 connections
- Heavy duty
- Plug-n-play

ECL-CAT5E-3 - 3' Cat5E patch cable
ECL-CAT5E-35 - 35' Cat5E patch cable
ECL-CAT5E-50 - 50' Cat5E patch cable
ECL-CAT5E-100 - 100' Cat5E patch cable

ECL-COAX3 3' BNC Patch Cord

- Molded BNC connections
- Plug-n-play

ECL-COAX6 - 6' BNC patch cord
ECL-COAX12 - 12' BNC patch cord

ECL-VGA5 5' VGA Cable

- Molded VGA connections
- Heavy duty
- Plug-n-play

ECL-VGA35 - 35' VGA cable

ECL-COAXDC50 50' BNC Patch Cable

- Molded BNC connections
- DC power connection
- Heavy duty
- Plug-n-play

ECL-COAXDC25 - Black 25' BNC patch cable with power
ECL-COAXDC25W - White 25' BNC patch cable with power
ECL-COAXDC50W - White 50' BNC patch cable with power
ECL-COAXDC100 - Black 100' BNC patch cable with power
ECL-COAXDC100W - White 100' BNC patch cable with power

RG59 18/2 95% Copper Siamese

- White or black flexible insulated wire
- 95% copper core and braid
- 18 Gauge 2 conductor full copper stranded power
- 500ft & 1000ft spools or boxes

RG59 18/2CCU Copper Clad Siamese

- White or black flexible insulated wire
- Copper clad
- Foil insulator
- 18 Gauge 2 Conductor Stranded Power
- 500ft or 100ft easy pull boxes

CAT5E Bulk CAT5E Wire

- Category 5E - 24 AWG 4 pair
- 95% copper
- 1000ft lengths
- Multiple colors
- Easy to pull box

CAT6 also available

18/2 Stranded Multi-Conductor Wire

- WIR-22/2STR1K: 22G, 2-conductor
- WIR-22/4STR1K: 22G, 4-conductor
- WIR-18/2STR1K: 18G, 2-conductor
- WIR-18/6STR1K: 18G, 6-conductor
- Many more to choose from

GLF307 Glowfish Rods

- Non-conductive fiberglass
- "Bullnose" pulling tips included
- 3' or 6' sections
- Available in 3/16" or super flexible 5/32" diameters

Regular Fiberfish rods also available

DURA3812 Durabit Drill Bits

- Sharp self feed auger bit
- Mig-welded to a hardened steel shaft
- Drill fast clean holes in wood
- Use Piranhabit Carbide for masonry
- From 3/8"x12" to 1"x72"

Other models available

TELEPOLE Telescoping Pole

- Telescopes to full length in seconds
- Easy to handle in tight spots
- Push or pull wires over long spans, suspended ceilings, crawl spaces & attics
- Made of non-conductive Fiberglass for safety
- Innovative twist lock system locks sections at any length

FIB520 Attachment Kits

- Directional tool
- Fish hook
- Tips
- Pull ring
- Magnet head
- Ball & chain

Other kits and accessories available

ECL-1818F Small DVR Lock Box

- 18 gauge steel construction
- Removable swing lid for easy access
- Rubber coated access holes
- Key-lock for security
- Vented swing door
- 120 VAC fan with protection grid
- Removable fan filter
- Dimensions: 18" x 18" x 5.5"

ECL-1819F Large DVR Lock Box

- 18 gauge steel construction
- Removable swing lid for easy access
- Rubber coated access holes
- Key-lock for security
- Vented swing door
- 120 VAC fan with protection grid
- Removable fan filter
- Dimensions: 21" x 21" x 8"

ECL-1819HWB Horizontal Bracket

Option A

Option B

- Horizontal mounting wall bracket
- 18 gauge steel construction
- Use with ECL-1819F

ECL-1819VWB Vertical Bracket

- Vertical mounting wall bracket
- 18 gauge steel construction
- Use with ECL-1819F

ECL-RK600 7' Open Rack
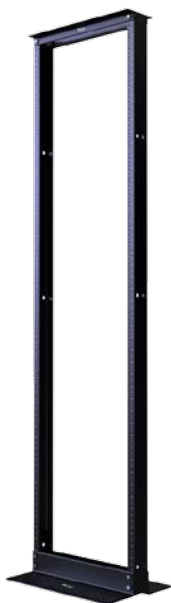
- Perfect for DVRs and video balun hubs
- Base with perforated holes for floor anchoring
- Reinforced angle top brace supports
- Meets or exceeds EIA-310D standards
- Dimensions: 7' tall, 19" wide (inside)
- Maximum Load: 800LBS
- Color: Black
- Easy to assemble

ECL-RK610 Keyboard Shelf

- Keyboard shelf with sliding mouse tray
- 19" EIA rack mount width
- 18.25" fully extended
- Black powder coated

ECL-RK620 Double Vented Shelf

- Durable steel construction
- Supports up to 100 lbs
- Provides air flow to ventilate
- Designed to fit standard 19" racks and cabinets with 3" deep side rails
- Black powder coated

ECL-RK630 Single Vented Shelf

- Durable steel construction
- Supports up to 50 lbs
- Provides air flow to ventilate
- Designed to fit standard 19" racks
- Black powder coated

Other rack accessories available
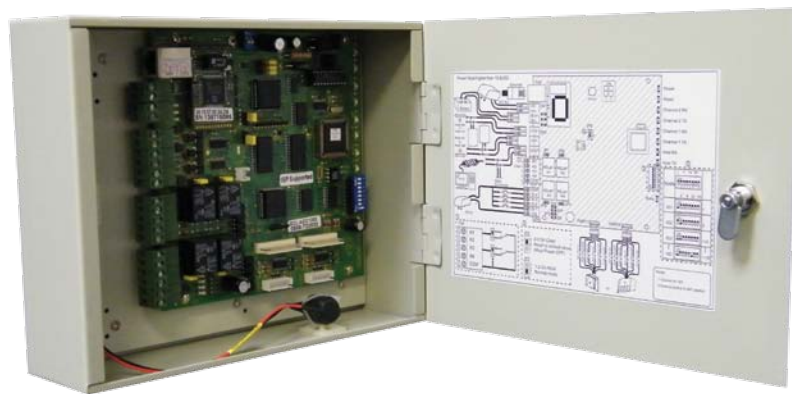
ECL-ACC1000 16 Door Network Controller

The ACC1000 is a compact wall-mounted IP-addressable door controller with a metal cabinet and a lockable door. It includes an on-board network interface and can support up to 16 proximity card readers via RS485. The ACC1000 can be linked to up to 254 other door controllers (other ACC1000 models) to provide support for large and expanding installations. A wiring diagram is attached to the inside of the door and two keys are provided for security. A UPS port supports a rechargeable battery (not included) so the controller can be configured to continue working in the event of power failure.

Features

- Control up to 16 readers (RS485)
- Compact design
- On-board network interface
- Built-in UPS function w/rechargeable battery support
- Supports 15,000 users
- Programmable card expiration supported
- 11,000 event memory
- Serial interface: RS485, 9600 baud, N, 8, 13
- 3 connections, 2 for readers, 1 for PC
- Anti-pass back supported
- Auto diagnostic: No user intervention necessary
- Dynamic door assignment supported

- Emergency door release supported
- 2 Wiegand readers supported
- Scheduled door release supported
- Scheduled door arming supported
- 63 Time Zones
- 255 door groups
- 120 programmable holidays
- Request to exit supported
- Relay inputs: 4 (expandable to 16), 3A
- Relay outputs: 4 (expandable to 16), 3A
- Voltage: 9-24VDC variable auto detection
- Dimensions: 7.09" x 9.09" x 2.44" (180mm x 231mm x 62mm)

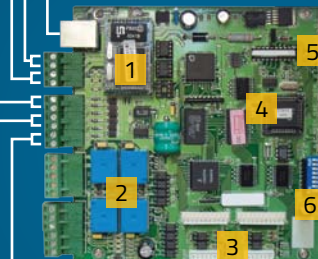ACC900 INDOOR CARD READERS WITH KEYPAD
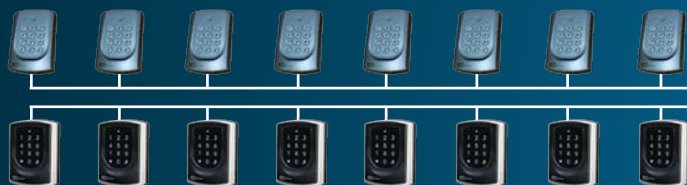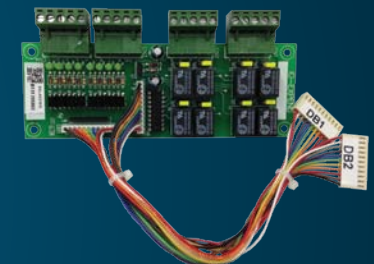
ACC980 OUTDOOR CARD READERS WITH KEYPAD

RS485 TO NEXT CONTROLLER

12V RECHARGEABLE BATTERY
DC15V POWER IN
DIRECT NETWORK CONNECTION

1 Built-in ethernet adapter
2 On board programmable relays
3 Wiegand reader connections
4 Advanced micro processor logic
5 L.E.D. Indicators
6 Easy ID selection

ECL-ACC1010 Expansion Board

I/O Expansion 8 DI & 8 DO Board
Ethernet Interface 10 Base-T

ECL-ACC870LR Long Range Reader

Long range reader designed for use with passive RF tags mounted on vehicles. Can also be deployed with active tags for longer ranges.

- Ideal for outdoor parking structures
- Use long range passive vehicle tag or hand-held tags to trigger from 13-19 feet away
- Independently programmable and integrates with our complete line of access control systems.

Number of Users	3,000	Operation Mode	Standalone/Network
Event Log	1,500	Interface	Wiegand, RS-485
Format	922 - 928MHz	Material	ABS Plastic, Weatherproof
Indicator	2 LED, 1 Buzzer	Power	7 -15 VDC

ECL-ACC890 Slimline Outdoor Reader

This popular design for aluminum frames is hermetically sealed with ABS plastic along with an aluminum cover for an extra layer of protection.

- LEDs and a buzzers provide feedback
- Programming is achieved with a removable keyboard attached to the bottom (ECL-ACC890K sold separately see page 78)
- The lower portion of this reader is illuminated with a backlit LED for easy nighttime use
- A remote door lock relay system is attached to an extended wire harness for additional security

relay included

Number of Users	3,000	Operation Mode	Standalone/Network
Event Log	1,500	Interface	RS-485
Format	125kHz: EM Standard	Material	Zink Alloy, Weatherproof
Indicator	2 LED, 1 Buzzer	Power	9-16 VDC

# ECL-ACC900 Indoor Reader w Keypad

Advanced access control card reader designed for indoor use. Supports proximity cards as well as PIN code entry via integrated keypad.

- The ACC900 can operate in network mode using the ACC1000 controller, or in full standalone mode
- A bi-color LED and buzzer provide visual and audio feedback
- Maximum card read distance is approximately 15cm (5.9 inches)
- Connect this reader directly to a PC via RS485 (use ECL-CN550 or ECL-CN560)

Number of Users	3,000	Operation Mode	Standalone/Network
Event Log	1,500	Interface	RS-485
Format	125kHz: EM Standard	Material	ABS Plastic
Indicator	2 LED, 1 Buzzer	Power	9-16 VDC

ECL-ACC910 Indoor Card Reader
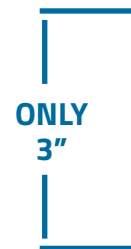
Basic silver card reader with an LED and a buzzer to indicate positive card read

- Great for interior doors and areas where access must be monitored or controlled
- Extremely small - only 3" tall
- Connect this reader directly to a PC via RS485 (use ECL-CN550 or ECL-CN560)

ONLY 3"

Number of Users	1,024	Operation Mode	Standalone/Network
Event Log	1,200	Interface	RS-485
Format	125kHz: EM Standard	Material	ABS Plastic, Weatherproof
Indicator	1 LED, 1 Buzzer	Power	9-16 VDC

ECL-ACC940 Reader with Keypad

Indoor proximity card reader designed with aesthetics in mind. Built-in LED and buzzer for status notification.

- Constructed of tough ABS plastic and properly sealed for outdoor placement
- Can operate in standalone mode or can be connected to an ACC1000 controller
- Built-in watchdog function prevents system lock-ups
- Connect this reader directly to a PC via RS485 (use ECL-CN550 or ECL-CN560)

Number of Users	1,024	Operation Mode	Standalone/Network
Event Log	1,200	Interface	RS-485
Format	125kHz: EM Standard	Material	ABS Plastic, Weatherproof
Indicator	2 LED, 1 Buzzer	Power	6-9 VDC

ECL-ACC950 Reader w Keypad

Advanced access control card reader designed for outdoor use. Supports proximity cards as well as PIN code entry via integrated keypad.

- Built-in full standalone support for: Door lock, tamper alarm, exit button, duress, and many other features.
- Constructed of tough ABS plastic and properly sealed for outdoor placement
- On-board WG port for anti-pass back function
- Connect this reader directly to a PC via RS485 (use ECL-CN550 or ECL-CN560)

Number of Users	1,024	Operation Mode	Standalone/Network
Event Log	1,200	Interface	RS-485
Format	125kHz: EM Standard	Material	ABS Plastic, Weatherproof
Indicator	8 LED, 1 Buzzer	Power	10 - 24 VDC

ECL-ACC960 Outdoor Card Reader

Touch sensitive proximity card reader designed for outdoor placement. Backlit piano finish keypad reacts to touch providing the user with immediate visual feedback.

- Built-in full standalone support for: Door lock, tamper alarm, exit button, duress, and many other features.
- Sleek and stylish illuminated touch-panel design
- Connect this reader directly to a PC via RS485 (use ECL-CN550 or ECL-CN560)

Number of Users	3,000	Operation Mode	Standalone/Network
Event Log	1,500	Interface	RS-485
Format	125kHz: EM Standard	Material	Zink Alloy, Weatherproof
Indicator	3 LED, 1 Buzzer	Power	10 - 24 VDC

ECL-ACC970 Outdoor Card Reader

Weatherproof vandal resistant construction with touch sensitive keypad, LED indicators, buzzer, and LCD panel for user feedback.

- Built-in full standalone support for: Door lock, tamper alarm, exit button, duress, and many other features.
- On-board WG port for anti-pass back function
- Sleek and stylish illuminated touch-panel design
- Connect this reader directly to a PC via RS485 (use ECL-CN550 or ECL-CN560)

Number of Users	3,000	Operation Mode	Standalone/Network
Event Log	1,500	Interface	RS-485 / IP (ACC980IP)
Format	125kHz: EM Standard	Material	Zink Alloy, Weatherproof
Indicator	4 LED, 1 Buzzer	Power	10 - 16 VDC

ECL-ACC980 Outdoor Reader w Keypad

Piano finish outdoor proximity card reader with touch sensitive keypad. Designed with aesthetics in mind.

- Constructed of tough ABS plastic, aluminum alloy and sealed for weather resistance
- Supports proximity cards and has an illuminated touch-panel to accept PIN code for entry
- Backlit piano finish keypad reacts to touch providing the user with immediate visual feedback
- Also available as an IP reader (ECL-ACC980IP)
- Can be used in standalone operation. Also supports direct connection to PC via RS-485 for convenient management via software (use ECL-CN550 or ECL-CN560)

Number of Users	3,000
Event Log	1,500
Format	125kHz: EM Standard
Indicator	1 LED, 1 Buzzer
Operation Mode	Standalone/Network
Interface	RS-485 / IP (ACC980IP)
Material	ABS Plastic, Weatherproof
Power	9-16 VDC

ECL-ACC995V2 Fingerprint Reader

Highly accurate biometric reader also supports proximity cards and PIN code entry.

- Can be configured for maximum security control: requiring PIN code entry via keypad, proximity card swipe, and up to two enrolled fingerprints can render un-autohorized entry virtually impossible
- Can hold up to 9000 fingerprints
- Can be used in standalone operation. Also supports direct connection to PC via RS-485 for convenient management via software (use ECL-CN550 or ECL-CN560)

Fingerprint Capacity	9,000
Number of Users	16,000
Event Log	32,000
Format	125kHz: EM Standard
Indicator	6 LED, 1 Buzzer
Operation Mode	Standalone / IP
Interface	RS-485
Material	ABS Plastic
Power	10 - 24 VDC

ECL-ACC999 Fingerprint Reader

Highly accurate biometric reader supports standalone use as well as networking with PC and/or ACC1000 controller.

- Built-in LED and buzzer gives the user immediate visual and audio feedback of door status
- Designed with minimal response time in mind, this card/biometric reader is ideal for high traffic applications
- Can be used in standalone operation. Also supports direct connection to PC via RS-485 for convenient management via software (use ECL-CN550 or ECL-CN560)

Fingerprint Capacity	9,000
Number of Users	16,000
Event Log	32,000
Format	125kHz: EM Standard
Indicator	7 LED, 1 Buzzer
Operation Mode	Standalone / IP
Interface	RS-485
Material	ABS Plastic
Power	10 - 24 VDC

ECL-ACC220A Standard Prox Cards

- Range: 10cm-15cm (3.94"-5.91")
- Can bear printed material
- ISO standard spec
- 1.8mm thick
- Print directly on surface using card printer
- Each card has a unique pre-assigned code
- 25 pieces per pack

ECL-ACC225 Thin Prox Cards
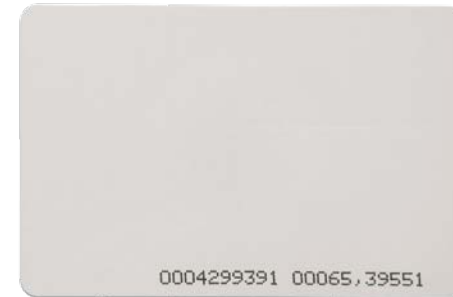
- Range: 10cm-15cm (3.94"-5.91")
- Can bear printed material
- ISO standard spec
- 0.75 mm thick
- Print directly on surface using card printer
- Each card has a unique pre-assigned code
- 50 pieces per pack

ECL-ACC230 Prox Key Tags

- 1Range: 5cm-10cm (1.97"-3.94")
- Waterproof
- Shock proof
- Hard to lose
- Each tag has a unique pre-assigned code
- Key chain latch included

ECL-ACC890K Programming Keyboard

- Secure programming for readers
- Use with ECL-ACC890
- Use with ECL-ACC999
- Bandwidth 450MHz
- Dimensions 3.46 " x 2.36" x 0.14" (88 x 60 x 3.6mm)

ECL-ACC120

- **Fail-secure door strike** - secures door during power outage
- Power: 12VDC, 400mA
- Dimensions: 5.04" x 1.26" x 1.50" (128 x 32 x 38mm)
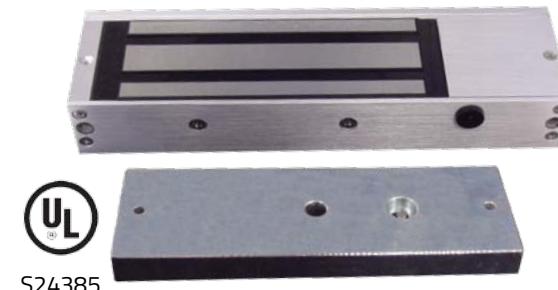
ECL-ACC130 - Fail-safe door strike

ECL-ACC300

S24385

- **600LB Maglock**
- Dual voltage (selectable)12VDC, 360mA / 24VDC, 180mA
- Grips with 600lb (136kg) pressure
- MOV surge protection
- Complete hardware included

ECL-ACC150 - 300LB Maglock

ECL-ACC500

S24385

- **1200LB Maglock**
- Dual voltage (selectable)12VDC, 360mA / 24VDC, 180mA
- Grips with 1200lb (136kg) pressure
- MOV surge protection
- Complete hardware included

ECL-ACC350

- **Maglock with built-in exit button**
- Red/green bicolor LED indicates unlocked/locked condition
- Grips with 300lb (136kg) pressure
- Adjustable delay time

ECL-ACC300/2

- **600LB x 2 Double maglock**
- Dual voltage (selectable)12VDC, 500mA (each) / 24VDC, 250mA (each)
- Grips with 1200lb (272kg) total pressure distributed over two units
- MOV surge protection
- Complete hardware included

ECL-ACC500/2 - 1200LB double maglock

ECL-ACC700

- **Fail safe type dead bolt**
- Door sensor: N/C - N/O
- Selectable operation delay time: 0, 2.5, 5, 9 seconds
- Diameter: 15.5mm
- Throw: 16mm
- Power: 12VDC

ECL-ACC710 - Electric dead bolt housing

ECL-ACC3L

- **L shaped bracket for ACC150**
- Dimensions: 9.84" x 1.89" x 1.18"
  (250 x 48 x 30mm)

ECL-ACC6L - L bracket for ACC300

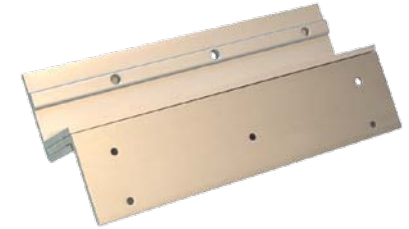ECL-ACC12L - L bracket for ACC500

ECL-ACC3U

- **U shaped bracket for ACC150**
- Dimensions: 5.2" x 2.5" x 1"
  (132.08 x 63.5 x 25.4mm)

ECL-ACC612U - U bracket for ACC300 and ACC500

ECL-ACC3Z

- **L shaped bracket for ACC150**
- Dimensions: 9.84" x 3.89" x 1.18"
  (250 x 98.81 x 30mm)

ECL-ACC6Z - Z bracket for ACC300

ECL-ACC12Z - Z bracket for ACC500

ECL-ACC150P

- **Armature plate for ACC150**
- Solid aluminum

ECL-ACC300P - Armature plate for ACC300

ECL-ACC500P - Armature plate for ACC500

ECL-ACC150S

- **Spacer for ACC150**
- **Spacer for ACC300/2**

ECL-ACC300S - Spacer for ACC300

ECL-ACC500S - Spacer for ACC500

ECL-ACC500/2S - Spacer for ACC500/2

ECL-ACCFB1

- **Maglock filler bar**
- Dimensions: 5/8" x 10 15/32"

ECL-ACCFB2 - Maglock filler bar
Dimensions:1/2" x 10 15/23"

ECL-ACC400IL Push to Exit Button

- Illuminated button
- Durable stainless steel plate
- 1M cycles min. rated switch life
- Single pole NO/NC momentary contact switch
- 1.2W lamp, 12VDC (60V max)
- Contact rating: 300VAC/3A max
- Dimensions: 4.72" x 3.00" x 3.23" (120 x 76.2 x 82mm)

ECL-ACC405IL Push to Exit Button

- Durable stainless steel plate
- Illuminated button
- 1M cycles min. rated switch life
- Single pole NO/NC momentary contact switch
- 1.2W lamp, 12VDC (60V max.)
- Contact rating: 240VAC/5A max.
- Dimensions: 3.94" x 1.34" x .95" (100 x 35 x 24mm)

ECL-ACC410IL Push to Exit Button

- Illuminated button
- Back box style mount included
- 1M cycles min. rated switch life
- Single pole NO/NC momentary contact switch
- 1.2W lamp, 12VDC (60V max.)
- Contact rating: 25VAC/5A max
- Dimensions: 4.54" x 1.72" x 1.5" (115.3 x 43.7 x 38mm)

ECL-ACC420IR Touchless Exit Button

- Touchless IR Sensor
- Detection distance: 1.2" to 3.9" (3cm to 10cm)
- Adjustable range and sensitivity
- Encoded signals prevent interference from nearby radiant IR light sources.
- Bicolor LED indicates activity/standby
- Power: 12VDC @ 25mA
- Can be used with or without included mounting plate
- Dimensions: 0.98" x 1.4" (23mm x 35mm)

ECL-ACC460IL Touch to Exit Button

- Ultra-slim design
- Illuminated with multi-color feedback system
- Brushed-aluminum look
- Push button N.O. switch
- Waterproof (IP65)
- Built-in over current protection
- Input voltage: 5-24VDC
- Switch current: 100mA
- Pre-wired with 5-conductor connector
- Dimensions: 1.75" x 3.25" x 0.25" (44.45 x 82.55 x 6.35mm)

ECL-ACC470IL Touch to Exit Button

- Single gang size
- Illuminated with multi-color feedback system
- Brushed-aluminum look
- Push button N.O. switch
- Waterproof (IP65)
- Built-in over current protection
- Input voltage: 5-24VDC
- Switch current: 100mA
- Pre-wired with 5-conductor connector
- Dimensions: 2.75" x 3.25" x 0.25" (44.45 x 82.55 x 6.35mm)

ECL-ACC440 Microwave Motion Sensor

- 24.125 GHz Frequency
- Detection range = 25ft x 13ft
- Adjustable sensitivity
- Dual voltage 13-30 VAC / 12-36 VDC
- Dimensions: 4.72" x 3.15" x 1.97" (120 x 80 x 50mm)

ECL-ACC800 Wireless Relay Kit

- Open 2 doors with 1 remote
- N/O or N/C relay
- Use with maglock or door strike (sold separately, see page 79)
- Comes with 1 relay, 2 remotes and 1 antenna

ECL-V604 7" LCD Intercom Monitor

- 7" color LCD screen
- Display resolution: 800 x 600 VGA quality
- Built-in microphone & speaker for 2-way communication
- Unlock button
- Do Not Disturb function
- Supports call transfer to other V604 stations
- Auxiliary security camera inputs
- Power: 13.8 VDC
- Dimensions: 8.27" x 6.26" x 0.83" (265.68 x 170.18 x 25.4mm)
- ECL-V604W - White monitor

ECL-V702 10" LCD Intercom Monitor

- 10" color LCD screen
- Display resolution: 800 x 600 VGA quality
- Built-in microphone & speaker for 2-way communication
- Unlock button
- Do Not Disturb function
- Supports call transfer to 2nd ECL-V702 station
- 2 auxiliary security camera inputs
- Power: 13.8 VDC
- Dimensions: 10.46" x 6.7" x 1.0" (265.68 x 170.18 x 25.4mm)

ECL-VC1T Slim Doorbell Camera

ONLY 4.5"

- Weatherproof
- 420 TV Lines
- Surface Mount
- Aluminum Alloy Panel
- Built-In Automatic LED Lighting
- Built-in microphone
- Built-in speaker
- Doorbell button
- Power: 12 VDC

Optional Mounts for VC1T: Flush mount & corner bracket

ECL-VC2 Doorbell Camera with IR

- Weatherproof
- 420 TV Lines
- 68° Wide Angle
- Built-In Automatic LED Lighting
- Built-in microphone
- Built-in speaker
- Doorbell button
- Power: 12 VDC