EverFocus®

Your Safety, Our Focus

2013 EverFocus Solutions

IP | HDcctv | Analog | Mobile | Access | Software & Apps

EverFocus®

Your Safety, Our Focus

About EverFocus
EverFocus has been in business in the United States for over 18 years. Starting out as a CCTV manufacturer, EverFocus has grown into a full Systems & Solutions Provider with 8 locations worldwide. EverFocus has dedicated teams designated to system and product consultation. EverFocus also has a network of companies that we partner with to help provide the best experience possible for our customers.

Product Solutions
EverFocus offers a full line of High Definition IP solutions for viewing and recording in HD including feature filled software that is available to keep you connected wherever you are. EverFocus also provides a full line of HDcctv products, Analog Cameras & DVRs, NVRs, Mobile Solutions, Specialty Cameras, Monitors, Power supplies and Lenses; to fulfill all your CCTV needs.

Product & System Customization
EverFocus offers many solutions to fit our customers' needs right out of the box. Every customer is not the same and may have very specific needs for specialized applications; as a manufacturer, EverFocus can make unique customizations to our product line, providing you with the solutions necessary. We have a complete R & D team that will assist in providing hardware or software solutions that will fit your needs.

Dedicated System & Solutions Team
We have a dedicated systems and solutions team offering decades of experience to assist you in identifying your particular needs. We will work alongside you and your team helping to provide solutions for safety, security and surveillance requirements. We work closely with all parties involved to assure your complete satisfaction. EverFocus; Your Safety, Our Focus.

IP Solutions

EverFocus

EverFocus IP Solutions

EverFocus IP Partners

axxon
Home Surveillance and Security Solutions

DIGIEVER
www.digiever.com

Digifort
IP Surveillance System

exacq
Technologies

Luxriot

milestone

GVD
GENIUS VISION DIGITAL

nuuo
The Intelligent Surveillance Solution

QNAP
SECURITY

Synology®

EverFocus

IP Solutions: 4 housing styles, 3 camera types and NVRs from 2-64 Channels.
EverFocus IP Solutions are easy to expand to whatever the application size!

EDN3160
1.3 Megapixel + Wide Dynamic

EDN3260
2 Megapixel + Wide Dynamic

EDN3340
3 Megapixel

- IR Day/Night, P-Iris 3-9mm
- 3-Axis Dome
- Flush or Surface Mount

EHN3160
1.3 Megapixel + Wide Dynamic

EHN3260
2 Megapixel + Wide Dynamic

EHN3340
3 Megapixel

- IR Day/Night, P-Iris 3-9mm
- 3-Axis & Vandal Resistant
- IP68 Weather Resistant

EZN3160
1.3 Megapixel + Wide Dynamic

EZN3260
2 Megapixel + Wide Dynamic

EZN3340
3 Megapixel

- IR Day/Night, A/I 2.8-10mm
- Vandal Resistant Housing
- IP66 Weather Resistant

nevio HD

Choice of Resolution: 1.3, 2 or 3 Megapixel

Part Number	EDN3160	EDN3260	EDN3340	EHN3160	EHN3260	EHN3340	EZN3160	EZN3260	EZN3340
Pickup Device with Progressive Scan CMOS Sensor	1/3"		1/2.8"	1/3"		1/2.8"	1/3"		1/2.8"
Effective Pixels & Video Resolution	1280 x 1024	1920 x 1080	2048 x 1536	1280 x 1024	1920 x 1080	2048 x 1536	1280 x 1024	1920 x 1080	2048 x 1536
Sensitivity	0 Lux @ F1.2 (IR On)			0 Lux @ F1.2 (IR On)			0 Lux @ F1.3 (IR On)		
Day/Night	Built-in Auto IR cut filter			Built-in Auto IR cut filter			Built-in Auto IR cut filter		
Lens	Auto Iris, 3-9mm, F1.2- F2.3 P-IRIS			Auto Iris, 3-9mm, F1.2- F2.3 P-IRIS			Auto Iris, 2.8-10mm, F1.3, 19		
Video Output	BNC socket, composite 1Vp-p/75ohm For cameras Set-up and test only								
Video Compression	H.264/MJPEG								
Frame Rate	720p @ 30 FPS	1080p @ 30 FPS	2048 x 1536@ 15 fps, 1920 x 1080@ 30fps	720p @ 30 FPS	1080p @ 30 FPS	2048 x 1536@ 15 fps, 1920 x 1080 @ 30fps	720p @ 30 FPS	1080p @ 30 FPS	2048 x 1536@ 15 fps, 1920 x 1080@ 30fps
Image Setting	Compression, brightness, sharpness, white balance, exposure control backlight compensation, image rotation & mirroring, text and image overlay								
Video Streaming	Multi-Stream H.264 and M-JPEG								
Interface	10Base-T/100Base-TX auto-negotiation, RJ-45 socket. Supports MDI/MDI-X auto cross function								
Supported Protocols	TCP/IP, IPV6, UDP, ICMP, DHCP, NTP, DNS, DDNS,SMTP, SNMP, FTP, HTTP, HTTPs, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP, UDP, IGMP, ICMP, ARP, ONVIF, PSIA								
Power Over Ethernet	Yes (PoE 802.3af)								
Alarm Input	1								
Alarm Output	1								
Audio In/Out	Yes*								
Event Trigger	Alarm Input, Manual Trigger, Motion Detection, Tamper Detection								
Notification	Trigger alarm output, email notification, upload video to FTP, record video to PC and network alarm, Record to SD card								
Pre/Post Alarm Buffer	10 ~ 120 Seconds User Definable								
SD Card	Supports micro SDHC for local edge recording								
Power Supply	12VDC & PoE								
Power Consumption	12VDC 7.44W (IR LEDS on) POE 8.45W (IR LEDs on)			12VDC 10.8W (IR LEDS on) POE 12.28W (IR LEDs on)			8W (IR LEDS on)		
Weight	2.38 lbs			3.57 lbs			3.57 lbs		
Dimension	Flush Mount: 4.61" x 4.29" Surface Mount : 5.6" x 5.23"			6.5" x 5.4"			14.16" x 3.76" x 3.76"		
Operating Temp	-32°F - 122°F			-40°C- 55°C/ -40°F - 131°F (12VDC), -20°C- 55°C/ -4°F - 131°F (PoE)					
Humidity	20%-80% non-condensing			IP68			IP66		
Rating	Indoor			Outdoor Vandal Resistant					
Support	ONVIF, PSIA								
Certifications	CE, FCC								

Free & IPSetup Easy
We set it up for you!

IP Solutions

High Definition IP Megapixel Cameras and Lenses

EAN3120
1.3 Megapixel + Wide Dynamic

EAN3220
2 Megapixel + Wide Dynamic

EAN3300
3 Megapixel

- Can be used indoors or outdoors with the appropriate housing and accessories

IP PTZ Features

- True Day/Night function
- Low luminance for improved image quality at night
- Digital Slow Shutter (DSS)
- Motion Detection function
- Programmable auto panning
- Smart alarm reaction & resume after alarm
- IP66 weather resistant rating means that it will withstand the elements of outdoor conditions
- Power Supply Included

Choice of Resolution: 1.3, 2 or 3 Megapixel

Part Number	EAN3120	EAN3220	EAN3300
Pickup Device	1/3" Full HD Progressive scan CMOS sensor		1/2.8" HD Progressive scan CMOS sensor
Sensitivity	0.03 Lux/F=1.4		0.08 B/W or 0.6 Color Lux/F=1.2
Day/Night	Built-in Auto IR cut filter		
Lens	C/CS mount (adaptor included for C-mount)		
Video Output	BNC Socket Test Video		
Video Resolution	1280 x 1024	1920 x 1080	2048 x 1536
Video Compression	H.264/M-JPEG		
Video Quality	5 Levels Adjustable		
Frame Rate	30 FPS		2048 x 1536 @ 15 fps, 1920 x 1080 @ 30 fps
Image Setting	Compression, brightness, sharpness, white balance, exposure control backlight compensation, image rotation & mirroring, text and image overlay		
Interface	10Base-T/100Base-TX auto-negotiation, RJ-45 socket. Supports MDI/MDI-X auto cross function		
Supported Protocols	TCP/IP, IPV6, UDP, ICMP, DHCP, NTP, DNS, DDNS,SMTP, SNMP, FTP, HTTP, HTTPs, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP, UDP, IGMP, ICMP, ARP, ONVIF, PSIA		
Bandwidth Control	256k-6m		512k~10M
Power Over Ethernet	Yes (PoE 802.3af)		
Alarm Input	1		
Alarm Output	1		
Audio In/Out	Two way audio, 3.5mm mono line input/line out Compression G.711		
Event Trigger	Alarm Input, Manual Trigger, Motion Detection, Tamper Detection		
Notification	Trigger alarm output, email notification, upload video to FTP, record to SD, record video to PC and network alarm		
Pre/Post Alarm Buffer	10~120 Seconds User Definable		
SD Card	Supports SDHC for local edge recording		
Power Supply	12VDC & PoE		
Power Consumption	6W max.		
Weight	410g		
Dimension	4.6" x 2.2" x 2.6"		
Operating Temp	0°C- 50°C/ 32°F - 122°F		
Humidity	20%-80% non-condensing		
Support	ONVIF, PSIA		
Certifications	CE, FCC		

Snap & Lock For Easy Installation!

Part Number	EPN4220 Outdoor	EPN4220i Indoor	EPN4122 Outdoor	EPN4122i Indoor
Pickup Device	1/3" Sony CMOS		1/3" Panasonic CMOS	
Video Format	H.264/M-JPEG			
Scanning System	NTSC/PAL			
Sensitivity	0.5 Lux @ F1.6		3 Lux @ F1.5	
S/N Ratio	>50 dB (AGC OFF)			
Video Output	1Vp-p/75ohm			
Electronic Shutter	1/2 ~ 1/10,000 sec			
Lens Type	Auto Iris f1.6 ~ 3.5		Auto Iris f1.6 ~ 3.2	
Zoom Ratio	20x Optical Zoom 10x Digital Zoom		22x Optical Zoom 16x Digital Zoom	
True Day/Night	Yes (Auto/DAY/NIGHT)			
Backlight Compensation	Yes (Off/On)			
AGC	Yes (Auto, Manual)			
WDR	Yes (Off/On)			
White Balance	Auto/ Indoor/ Outdoor/ One Push/ Manual			
Motion Detection	Yes			
Focus Control	One Push/Auto/Manual			
Horizontal Rotation Speed	0.01° /s~ 360° /s (1-255 grade shift gears)			
Horizontal Rotation Range	360° unlimited rotation			
Tilt Rotation Range	90° pendulum motion			
Auto Zoom Speed Control	Control speed auto-adjusted according to zoom length changing			
Auto Pan	2 point scanning, can set freely			
Auto Pan Speed	1~255 grade available, 0.01°/s-360°/s			
Dwell Time	1~99 second available			
Preset Position	192 Positions			
Running to Position Speed	1~255 grade available, 0.01°/s-360°/s			
Tour	16 groups			
Tour Point Per Group	16 preset positions			
Pattern Position Accuracy	4 patterns with 90 seconds long each			
Alarm	4 in, 1 out triggered by intelligent event and external input			
Built-in Protocols	HTTP, TVP/IP, FTP, SMTP, DHCP, DNS, DDNS, NTP			
Interface	10/100 Base-T Ethernet, RJ-45 socket			
Bandwidth Control	Min. 64K byte/second adjustable			
Alarm Triggers	4 in 1 out triggered by intelligent event and external input			
Alarm Events	Smart alarm reaction & resume after alarm			
Processors & Memory	Micro SD / SDHC			
Manual Pan/Tilt Speed	Pan: 0.01° ~ 180°/s, Tilt: 0.01° ~ 180°/s			
Postion Accuracy	±0.1°			
Weather Resistant Rating	IP66	n/a	IP66	n/a
Power Source	24VAC			
Power Consumption	30W Max			
Operating Temperature	-40°~50°C -40°~122°F (heater on below ~30°F)	-10°C~50°C -14°F~122°F _ 85%	-40°C~50°C -40°F~122°F (heater on below ~30°F)	-10°~ 50°C -14°~122°F _ 85%
Dimensions	180x280mm 7.1" x 11"	159x230mm 6.3" x 9.1"	180 x 280mm 7.1" x 11"	159x230mm 6.3" x 9.1"
Weight	3.0kg / 6.62 lbs			
Certification	CE, FCC			

Here is how IPSETUP works:

- Place your order for equipment.
- EverFocus will do all the pre-configuration for you for FREE!
- Equipment will ship to you in a single shipment.
- Unpack the box and install the equipment.
- Go to another job site and do the same thing!

EverFocus

EDN1220: 2 Megapixel, 1/2.7"
EDN1320: 3 Megapixel, 1/3"

- Full HD color CMOS image sensor
- High performance noise reduction function
- Wide dynamic range function
- Multi profiles for image settings
- Setup wizard for easy Web UI setting
- Digital PTZ function support

- Anti-tampering function
- Built-in micro SDHC slot for a SDHC card enabling local storage
- 3-Axis mechanism
- Mini size, easy installation
- Built-in microphone
- Power over Ethernet
- ONVIF / PSIA compliant
- Hallway display (9:16) function

- Four streams H.264/MPEG-4/M-JPEG
- BNC video output for simplified on-site installation and verification
- Supports live monitoring of video from mobile devices via MobileFocus / MobileFocus Plus Apps (iOS and Android)

Indoor

ENVS800
8, 16 or 32 Channel
Network Video Recorder & Server
Available with RAID

- Supports up to 64 megapixel IP camera channels (total capacity is a function of total camera bandwidth, which depends on image size, compression/quality and IPS
- Supports over 2000 models of IP cameras, megapixel cameras and video servers from 90+ brands of network camera manufacturers
- Dual monitor display with up to 64 channels of live view video can be displayed per monitor (separately from playback)
- Smart detection of 6 types of events that can trigger combinations of 10 instant responses
- Intelligent playback system with 5 video analytics searches General motion, missing object, foreign object, camera occlusion and signal lost
- Stream bandwidth monitoring and management of remote client connections
- Web browser client displays up to 64 channels of live video or 16 channels of playback in Internet Explorer

EMN2220: 2 Megapixel, 1/2.7"
EMN2320: 3 Megapixel, 1/3"

- Full HD color CMOS image sensor
- Vandal proof IK10-rated metal housing
- IP67-rated weather proof
- High performance noise reduction function
- Wide dynamic range function
- Multi profiles for image settings
- Setup wizard for easy Web UI setting
- Digital PTZ function support
- Four streams from H.264, MPEG-4 or M-JPEG
- Built-in micro SDHC slot for a SDHC card enabling edge recording
- 3-Axis mechanism
- Mini size, easy installation
- Built-in microphone
- Power over Ethernet
- ONVIF / PSIA compliant
- Support hallway display (9:16) mode
- Anti-tampering function
- BNC video output for simplified on-site installation and verification
- Supports live monitoring of video from mobile devices via MobileFocus / MobileFocus Plus Apps (iOS and Android)

Outdoor & Vandal Resistant

NVR-404
4-16 Channel NVR

- NVR-404 starts at 4 channels, but is designed to handle up to 16 cameras. Expand your system from 4 to 8/12/16 channels when you are ready!
- Hard Drive Configurations in 2/4/8/12 TB
- 4 HDD Bays with removable hot swap trays
- Dual NIC for separation of streaming camera video form LAN/WAN monitoring network
- Built-in web server for single NVR live/playback viewing and configuration
- Raid: 0,1, 5 & 10 configurable; or JBOD
- Free multi-site CMS displays live and playback video for up to 128 live and 16 playback cameras (dual monitors permit 2 x 64 live views; playback screen replaces one live view) from any combination of Elite and ENVS NVRS

Commander
4-64 Channel NVR
- Linux embedded
- Onvif compatible
- Remote server configuration
- High throughput (up to 250Mbps)
- Record up to 64 megapixel cameras (through license upgrade)
- Synchronize user accounts across 100 servers through a single server instantly
- Recording in external storage (DAS, iSCSI)
- Dual gigabit Ethernet ports
- Windows and Mac compatible
- Manage up to 100 servers, 400 ch live view and 100 ch playback simultaneously.
- Stitch up to 10 cameras together to form a consecutive single view for easier viewing
- Support Stream Profile for remote live view bandwidth control
- Intelligent motion/ event search in playback to quickly find the subject of interest
- Twin Clients to support identical, full featured software client and web client

ENVR8304D-8Ch
8 Channel Plug & Play NVR

- 8-channel real-time recording & playback at 1080p
- The plug and play design simplifies installation and config
- Gigabit Ethernet interface for remote viewing & control
- Powerful archive functionality from both NVR & remotely
- High bandwidth 1080P recording (200 / 240fps) with recordable reduced bandwidth stream for mobile or multiplexed viewing applications
- RAID5 – for full data protection
- 8 ports PoE smart switch
- 19" Rack mountable

NVR8004X
4/8/16 Ch Tower NVR with 4 HDD Bays
- Linux embedded – free from PC crash and virus attack
- Support EverFocus IP cameras and ONVIF IP cameras
- Support mobile client - iOS, Android
- Supports megapixel camera recording and H.264
- Server-client architecture
- Support Multi Web-browser
- Online GUI schedule recording
- Playback system with intelligent search
- 4-bays hot swap data HDD (up to 12 TB)
- Dual Gigabit LAN ports & Dual video streams

Part Number	ENVR8394D	NVR8004X
IP Video Channel	8	4,8,16
Recording/Playback Rate	Up to 5 Megapixel IP Cameras	4,8,16
Total Recording Rate	up to 240 FPS	up to 480FPS at 2 megapixel
Recording Modes	Manual, Schedule, Event, or choose number of days	Continuous record, record by schedule, event trigger record, digital input trigger record
OS	Embedded Linux	
Recording Resolution	Dependent on Camera	
Compression Supported	H.364/M-JPEG	H.264, MPEG4, MJPEG
Audio	1 / 1 (Line Level)	Synchronized Audio and Video recording
Internal HDD	4 SATA HDD	4 x SATA LL HD
Video Export	n/a	4 (2 x USB 3.0 port, 2 x USB 2.0 port)
Network Interface	Gigabit Ethernet	2 x gigbit ethernet port
Alarm I/O	2 in / 2 out	n/a
Recording Rate	56 Mbps	480 FPS at 2 megapixels
Remote Live View Control	Remote configuration support from built-in web interface	Live view, preset/go, PTZ, remote I/O, snapshot, multi-view, digital PTZ, advanced E-map, bandwidth monitoring
Power	100-240VAC	19 VDC, 474A
Power Consumption	150W	90W max
Temperature	0° ~40°C / 32°~104°F	
Housing	n/a	
Dimensions	16.93" x 16.65" x 3.13"	5.51" x 7.2" x 8.62"
Weight	13.23lbs	6.55lbs
Certifications	CE,FCC,UL	CE, LC

Part Number	NVR-404	Commander	ENVS
IP Video Channel	2,4,8,12, 16	4-64	8,4
Recording/Playback Rate	up to 30 FPS per channel	250 Mbps (max), 150 Mbps (optimal)	Up to 30 IPS / channel
Total Recording Rate	Max 80Mbps Max 30 FPS per camera	Max 250 Mbps 30 FPS per camera	up to 30 FPS 64 x 2 megapixel
View Mode	1/4/6/9/10/13/16/25/36/49/64	1/4/5/10/13/16/17	Multiple
Recording Modes	Continuous record, record by schedule, event trigger record, digital input trigger record		
OS	Embedded Linux		Compatiable with Windows
Recording Resolution	Up to full camera resolution		Dependent on Camera
Compression Supported	H.264, MPEG4, MJPEG		H.264 / MJPEG / MPEG4 (streamed from camera)
Audio	Bi-directional transmission, 1 audio channel per video channel (depending on specification of IP device)		
Video Storage (excludes O/S and system software on HDD 1)	up to 12TB	Up to 12TB	Up to 18TB
Internal HDD	4 x SATA II removable Hot Swap trays	4 x SATA II removable HDD trays	6 internal tags
Video Export	Snapshot in JPEG format, video export in AVI or ASF format	6 x USB 2.0 (for mouse, UPS); 1 x eSATA (for DAS)	Snapshot in JPEG format, video export in AVI or ASF format
Network Interface	2 Gigabit RJ45 Ethernet Port.		
Other Interface	2x USB 2.0 (on back panel) 1x e-sata port (on back panel)	2 USB 2.0 (on back panel) 1x e-sata port (not active in present firmware)	Front: 2 * USB 3.0, Back 8 * USB 2.0, 2 * USB 3.0 1* IEEE 1394 back 8 * SATA 3.0 & 2 * eSATA 3.0 SPCI - E2.0X16
Max. Client Limit	Live View 64 Streams	Live view 64 Streams	Live view 128 Streams
Alarm I/O	Dependent on supported camera		Support of I/O contacts of connected IP devices (depending on specification of IP device)
Event Trigger	Yes		
Monitor Output	n/a	1x Limited VGA	Up to 3 Monitors, 2 live, 1 playback
Notification	Dependent on camera "On Screen Display" for event notification, Trigger alarm output , send email notification	Dependent on supported camera "On Screen Display" for event notification, Trigger alarm output, send email notification	Dependent on supported camera "On Screen Display" for event notification, Trigger alarm output, send email notification
E-map	Support E-map with device indicator		Unlimited number of maps or other graphics with free placement of camera or I/O icons
Bandwidth Monitor	Display in client screen	On Client	Optional OSD display of individual network bandwidth per camera and total streaming bandwidth
Database Management	n/a	Yes	Integrated database management tool for reconstructing, repairing or relocating database and export option for configuration file
Video Analytics	General Motion, missing object, camera occlusion, foreign object, loss of focus, signal lost	General motion, signal loss, alarm notification	General motion, missing object, camera occlusion, foreign object, loss of focus, signal lost; each alarm can trigger up to 10 different event reactions
PTZ	PTZ Control of supported cameras	Digital and Optical PTZ	PTZ control in OSD or with EKB500 for PTZ cameras. Digital software PTZ for all cameras
Recording Rate	Max 80Mbps Max 30 FPS per camera	Max 250 Mbps 30 FPS per camera	1-30 FPS adjustable for each camera (depending on camera capabilities)
Multi-Channel Playback	Up to 16 channels time synchronized	Client displays multiple cameras on multiple	Up to 16 channels time synchronized
Search Function	Time/Date via calendar and time bar- Intelligent search with modes: general motion, missing object, camera occlusion, foreign object, signal lost		
Video Enhancement	Saturation, contrast, brightness, sharpness		
Video Export2	Snapshot in JPEG format, video export in AVI or ASF format		
Video Backup	Backup of multiple camera video data to local/network video drive or Auto backup to FTP server		backup of multiple camera video data to local/network video drive or CD/DVD
Remote Video Access Method	·Remote client software live view (up to 2 windows/monitors with up to 16x view each at 1 PC) ·Remote client software playback view (up to 16x view) with remote backup function (multiple channel backup up to 16 channels) ·Web browser view (live/playback with up to 16x view) ·Mobile phone client (3G/RTSP - streaming support required) ·No limit for number of installations for all remote applications		
Remote Maintenance	Web interface configuration using Internet Explorer 7 or above		Remote desktop viewers allows complete network access to ENVS 800 NVRE
Remote Live View Control	Live view, preset/go, PTZ, remote I/O, snapshot, multi-view, digital PTZ, advanced E-map, bandwidth monitoring		Remote client software live view (up to 2 windows with up to 16 x view each at 1 PC)
Power	100-240VAC		
Power Consumption	100W max	200W	450W max
Temperature	32°~104°F		
Housing	Compat Desktop Lockable front door	1U Rack Mount	4U Rack Mount
Dimensions	5.51" x 7.2" x 8.62"	44.5 x 441 x 428.8 mm	17.75" x 17.5" x 7.0"
Weight	6.55lbs	13.75 lbs	30lbs
Certifications	CE, FCC		

EVS200A l EVS200AW

- High quality H.264/MPEG-4 and MJPEG multi-stream output at 4CIF resolution at 60 FPS
- Dual stream (per channel) for simultaneous live monitoring and high res recording
- Smart Wizard setting for event and schedule recording
- Built-in SD memory card slot for local storage
- Supports high capacity SD card
- Space saving with ultra compact design

EXPAND Your NVR!

NVR-404: 4 & 8 License Options
(Part #: NVR-404UP / NVR-408UP)

Commander: 01/04/08/12/16/32/60 License Options
(Part #: NVR-40xxUP)

ENVS: 04/08/16/32/64 License Options
(Part #: NVR-xxSGR)

EVS410

- High quality H.264/ and M-JPEG
- Supports SD high capacity
- Dual stream (per channel) for simultaneous live monitoring and high resolution recording
- Smart Wizard setting for event and schedule recording
- Built-in SD memory card slot for local storage
- Space saving with ultra compact design

EverFocus

HDcctv

Full HDcctv DVRs
4 Ch 120 FPS & 2/4/6 TB
EPHD04

Full HDcctv DVRs
8 Ch 120 FPS & 2/4/8 TB
EPHD08

Hybrid HDcctv DVRs
2/4/6/8 TB of Storage
EDRHD2H14: 2 Ch of HDcctv & 14 Ch of SD
EDRHD4H4: 4 Ch of HDcctv & 4 Ch of SD

EPHD5212
HDcctv Outdoor PTZ

- 2.1 Megapixel, 1920 x 1080
- IP66 weather resistant rating
- 12x Optical Zoom & 10x Digital Zoom
- True Day/Night function w/ removable IR cut filter
- Pan 360° Endless Rotation / 180° Tilt
- Wall Mount Arm Included

HDcctv DVR Features

- MobileFocus: Supports iPhone®/iPad®/Android™/Blackberry®*
- Recording: HD Virtual Real Time 15 FPS @ 1080p; Real Time 30 FPS @ 720, EPHD04 30 FPS Real Time
- Dual Stream Controls: Record at a higher resolution but view at a lower resolution online/mobile device for faster viewing
- 2x, 4x, 8x, 16x zoom on local and remote live & playback
- Independent Ch Controls: Frame Rate/Resolution/Record Quality
- Recording resolution can be changed at different times of the day via scheduling
- Simultaneous Pentaplex Operation at DVR & Online: Live/Recording/
- H.264 Compression for efficient disk and network utilization
- FREE DDNS Service Hosted by EverFocus for EASY Networking
- Main Monitor: Simultaneous Viewing at 1920 x 1080 on HDMI and VGA
- Built-in DVD burner
- Supports External Hard Drive Storage via eSATA
- Per-Camera Audio Channels
- Multiple control inputs: mouse/front panel/IR remote controller/ EKB500 keyboard

- User Friendly GUI with graphical icons and visual indicators
- Local & Remote On-Screen PTZ Control
- Built-in recording calculator estimates storage capacity based on settings
- Smart Search: quickly identify motion in areas of interest from recorded video
- Event Search: Search date/time by an event (alarm, motion, video loss)
- Express Playback & Search: Point, Click, Drag playback bar for Instant Viewing
- Express Setup: A unique menu option for quick & easy installation
- 3 different administration levels to restrict or allow access to DVR controls (DVR/Online Interface)
- Online Web interface: Allows 10-users to simultaneously view online from a browser
- Rack Mountable (19") includes Rack Ears
- IR Remote & USB Mouse included
- Raid (EPHD04 Only)

EDH5210
Indoor Dome
- 3.6-16mm, Dual Voltage
- 3-Axis, Dual Voltage

EDH5102
Indoor Mini 2-Axis Dome
- 2.8mm
- 2 Axis Mini, 12VDC

EZH5243W: White
EZH5243B: Black
Outdoor IR Bullet, Vandal Resistant 3.5-16mm
- 1080p / 1920 x 1080 HDcctv Megapixel
- True Day/Night, Super Low LIght Performance
- IP67 Weatherproof, OSD Menu, IR Range 130'

EBH5201
Indoor 3-Axis Bullet
- 1080p / 1920 x 1080 HDcctv Megapixel
- 2.5mm Fixed Lens, 12VDC

EDH5205
Indoor Low Profile Wedge Camera
- Low Profile 3-Axis Wedge
- 3.6mm Fixed Lens, 12VDC

EHH5205
Outdoor Vandal Wedge
- Low Profile 3-Axis Vandal Wedge, 12 VDC
- 3.6mm Fixed Lens, IP66 Weather Resistant

EBH5241W: White
EBH5241B: Black
Outdoor Ball Camera
- 3.6mm, IP66 Weather Resistant
- IR Range up to 60 Feet, 12VDC

EDH5201
Indoor Fixed Dome
- 3-Axis Fixed Focal Wide Angle
- 2.45mm, 12VDC

EQH5201
Box
- 1080p / 1920 x 1080 HDcctv Megapixel
- Accepts C/CS Lenses (lens not included)

EQH5102
Mini Box
- Accepts C/CS Lenses (lens not included)
- DC Iris or Manual Lens Support, 12VDC

Part Number	EPHD08	EDRHD4H4	EDRHD2H14
Channels	8 HDcctv channels	4 HDcctv and 4 SD channels	2 HD and 14 SD channels
HD Recording & Playback Rate	1080: 15/12.5 FPS per camera 720: 30/25 FPS per camera		
SD Recording Rate & Playback Resolution	n/a	D1/2CIF/CIF: 30/25 FPS per camera	
Looping Camera Outputs	n/a	4 Analog BNC Outputs for SD	14 Analog BNC Outputs for SD
Export Video	Built-in DVD Burner, USB Port		
Internal HDD Max	Supports up to 8 TB (4 HDD)		
External HDD Max	1 eSATA Supports up to 8 TB (4 HDD)		
HDD Combined Max	16 TB Combined Total	10 TB Combined Total	
Audio Input	One per channel		
Audio Output	1-Output	2-Outputs	
RS-485	1 RS-485 (3 Terminal Connector)	RS485 (2 RJ45 Connectors)	
User Interface	GUI (Graphical User Interface)		
Mobile Viewing	MobileFocus & MobileFocus+	Web Browsers & MobileFocus & MobileFocus+	
Recording Compression	H.264		
Dual Streaming	View remotely with reduced or full resolution bandwidth while recording full 1080/720		
Operating System	Embedded Linux		
Network/Protocol	Gigabit Ethernet, TCP-IP/DHCP/ PPPoE/DDNS/UDP/SMTP/SSL/ HTTP	Gigabit Ethernet	
Pentaplex Operation	Simultaneous Live, Recording, Playback, Archive and Remote Viewing		
USB	3 USB 2.0 port (2 on Front Panel, 1 on Back Panel)	2 USB 2.0 Ports	
Main Monitor Output	Main Monitor 1080p HDMI socket (Type A 19 pin F) I VGA: 1920x1080 @ 60Hz (D-Sub socket 15 pin F)	Main Monitor 1080p HDMI socket (Type A 19 pin F) I VGA: 1920x1080 @ 60Hz	Main Monitor 1080p HDMI socket (Type A 19 pin F) I VGA: 1920x1080 @ 60Hz
Playback Search	Date/Time & Event, Smart Search	Date/Time, Event, Motion, Smart, Snapshot	
Event Log	Yes		
Watch Dog Timer	Yes		
Quick Archive	Archive video instantly (to USB/DVD) while playing back		
Motion Detection	Yes		
Video Loss Detection	Yes		
Schedule Setting	Supports Express and Advanced Schedule Setting		
Recording Modes	Continuous, Schedule, and Event		
Video Pause	Yes		
User Access	3 Levels of User Access Support		
Control PTZ via OSD	Locally/Remote via OSD		
Supported PTZ Protocols	EverFocus, Pelco D, Pelco P, Samsung, Transparent		
Language Support	Multi-language support		
Alarm-In	8 alarm inputs		16 alarm inputs
Alarm-Out	2 alarm outputs- Form "C" rated at 30VDC, 1A	4 alarm out	
Power Source	100VAC-240VAC		
Power Consumption	130 W max. with 4x HDDs	100 W Max with 4x HDDs	
Environmental	32°F~104°F(20-80% humidity)I 0°C~40°C		
Dimensions	16.2" x 16.9" x 3.5"	16.6" x 16.9" x 3.2"	
Certifications	CE, FCC, UL		

Analog Cameras - Ultra Series

EverFocus

Ultra Series Camera Features
- Ultra resolution of over 720+ TVL for astounding image quality
- ExView HAD II sensor delivers amazing ultra high sensitivity of 0.05 Lux
- Very low light sensitivity without DSS low light boost. Zero Ghosting Guaranteed
- Digital WDR delivers properly exposed images despite unbalanced lighting in the scene
- Full suite of OSD menu options (Except ED700/EMD700)

EZ700
Outdoor Day/Night
Mini Bullet Camera

EZ700B (Black), EZ700W (White)
- 3.5-16mm lens. External Zoom & Focus
- IP67 weatherproof rating
- Fully adjustable mount encloses & protects cables

EMC700
Outdoor Day/Night
Mini Bullet Camera

- Fixed 3.6mm Lens, 3-Axis Rotation
- IP67 weatherproof rating
- Compact cylinder for indoor/outdoor covert & discreet surveillance

ED700
Indoor Day/Night
3-Axis Mini Dome

ED700 (Black), ED700W (White)
- Fixed 3.6mm Lens
- 3-Axis Rotation for wall or ceiling mounting
- Compact size for discreet surveillance

ED705
Indoor Wedge

EHD705
Outdoor Vandal Wedge
IP66 Weather Resistant

- Low Profile 720+ TVL, 3.7mm Fixed
- True Wide Dynamic Range Effio-P with Digital Day/Night Sony Low Light Sensor
- 3-Axis Rotation for wall or ceiling mounting
- DSS/Sensup, 3D DNR
- Fitx a wide variety of mounting locations and applications 4.7 x 4.7 x 1.7 Inches

ED710
Indoor True Day/Night
3-Axis Mini Dome
Available in 9-22mm

ED710 (Black), ED710W (White)
- Megapixel 2.8-12mm, Lens
- Built-in Joystick for OSD Controls
- 3-Axis Rotation for wall or ceiling mounting

EMD700
Outdoor Day/Night
Vandal Mini Dome

EMD700B (Black), EMD700W (White)
- Fixed 3.6mm Lens, IP67 weatherproof rating
- Use in Temperatures up to -40°
- Perfect for Mobile Applications

EQ700
True Day/Night
Box Camera

- Built-in Joystick for OSD Controls
- Various lens options

IR Ultra Cameras

EHD700
Outdoor True Day/Night
3-Axis Vandal Dome
Available in 9-22mm

- 2.8-12mm, Lens
- IP66 weather resistant rating,
- Use in Temperatures up to -40°
- Withstands the impact of a 10 lb sledgehammer!
- Surface or Flush Mount Option

EZ730
Outdoor True Day/Night
IR Bullet Camera

EZ730B (Black) | EZ730W (White)
- 2.8-12mm Lens
- IP66 Weather Resistant Rating
- IR Range up to 82 Feet
- External Zoom & Focus

ED730
Indoor True Day/Night IR
3-Axis Mini Dome Camera
Available in 9-22mm

ED730 (Black), ED730W (White)
- 2.8-12mm Lens
- 3-Axis for wall or ceiling mounting
- IR Range up to 100 Feet

EM700
Indoor Day/Night
Micro Metal Case

EM700P1 (3.7mm Cone)
EM700P3 (3.7mm Flat)
EM700P4 (4.3mm Cone)
- Compact Covert/Discreet Metal Case

EZ755
Outdoor
True Day/Night IR
5-50mm Bullet Camera

EZ750W (White), EZ750B (Black)
- 5-50mm, IP67 Waterproof Rating
- IR Range up to 230 Feet, External Zoom & Focus

EHD730
Outdoor True Day/Night
IR, 3-Axis Dome Camera
Available in 9-22mm

- 2.8-12mm Lens, Surface or Flush Mounting Design
- IP66 Weather Resistant, Use in Temps up to -40°
- 3-Axis rotation for wall or ceiling mounting
- IR Range up to 100 Feet
- Withstands the impact of a 10-lb sledgehammer!

Putting your cameras outside?
When EverFocus says "Outdoor" we offer a Weatherproof rating to back it up!
All EverFocus outdoor cameras have a minimum of IP66 rating!

IP66: Able to withstand a downpour of direct rain.
IP67: Able to withstand immersion in water.
IP68: Able to withstand continuous immersion in water.

EverFocus

E-Line & E-Line *Plus* Series Series

EHD362: Outdoor 3-Axis IR Vandal Dome
- 540 TVL, 3.7-12mm Lens, Dual Voltage
- IP66 weather resistant rating
- Vandal proof to withstand a 10 lb sledgehammer!
- IR distance approximately 80 feet

ED360: Outdoor Color Vandal Dome
- 540 TVL, 3.5-8.5mm lens, 12VDC
- IP66 weather resistant rating
- Vandal proof to withstand a 10 lb sledgehammer!

EHD640: Outdoor IR Color Vandal Dome
- 650 TVL, 3.5-8.5mm, 12VDC
- IP66 Weather resistant rating, IK10 vandal proof
- IR Range 95+ Feet!

ECZ361: Outdoor IR Bullet
- 700 TVL, 4.3, 12VDC
- IP66 Weather resistant rating, IR Range 98+ Feet!

ED635: Indoor 3-Axis IR Dome
- 1/3" Sony Super HAD II Color CCD with 630 TVL
- 3.6mm, Digital Day/Night
- 24 IR LEDs with range of 82 feet
- DC12V only 320mA draw

ED640: Indoor 3-Axis IR Dome
- 1/3" Sony Super HAD II Color CCD with 700 TVL
- 2.8-12mm, Digital Day/Night, 630 TVL
- Full OSD: DWDR, HLC/BLC, DNR, Anit-Color-Roll & more
- 24 Smart IR LEDs with range of 82 feet
- DC12V only 320mA draw

ED641: Indoor 3-Axis IR Dome
- 1/3" Sony Super HAD II Color CCD with 700 TVL
- 2.8-12mm, Digital Day/Night, 630 TVL
- Full OSD: DWDR, HLC/BLC, DNR, Anit-Color-Roll & more
- 24 Smart IR LEDs with range of 82 feet
- Dual Voltage
  DC12V only 320mA draw (IR on), AC24V 4.5 W (IR on)

ECMD100i: Non-working PIR with INVISIBLE IRs
- SONY 1/3" Super HAD II CCD sensor
- PIR case with built-in invisible IR LEDs (24 LEDs with no red glow) 32 Ft+ IR Range, DC12V only 300mA
- High Resolution of 600TVL color, 700TVL B/W, 3.7mm Pinhole Lens
- Digital WDR, DNR, Built in Motion Detector with Alarm Output (TTL)

ECMD100i IRs actually hidden behind cover

ECMD200: Working PIR
- SONY 1/3" Super HAD II CCD, 3.7mm Pinhole, High Res: 600TVL color
- Built-in functions: Auto Electronic Shutter (AES), Auto Gain Control (AGC), Auto Trace White Balance (ATW) Digital Wide Dynamic Range (DWDR), 2D Noise Reduction (2DNR).
- DC power cable and video cable and power pigtail provided
- Built-in anti-aliasing function to improve perceived video image quality
- PIR motion sensor for intrusion protection with min false alarm ratio
- Adjustable sensitivity level & relay time 2-40 sec
- Selectable 2 choices for pulse detection options
- Built-in anti tamper switch

ECMD200

EZ635: Outdoor Bullet
- High performance sensor delivers native .01 lux low light sens before IR illumination
- 600 TVL, 4-9mm Lens with external adjusters
- Equipped with 42 'smart' IR LEDs for 120 Foot Range
- Adjustable IR output level to achieve detection range while avoiding interference from reflections
- Reflection preventing dual section cover glass isolates IR emitters from lens to prevent image distortion
- Video test output point for convenient aim and focus during installation, and ease of service
- Cables protected from weather and tampering by the mounting base
- Convenient speedy-mount base plate easily attaches to surface, camera attaches to plate with machine screws
- IP66 weather resistant, Operating range down to -4 degrees Fahrenheit
- Dual voltage (12VDC/24VAC) Operation

EBD331e: 3.6mm, IR
EBD431e: 2.8-10.5mm, True Day/Night with IR & OSD
- Superior Resolution 700 TVL
- Sony 1/3" 960H CCD Sensor
- Compact, 3-Axis Ball Style Camera
- IP66 Weather Resistant
- Digital Wide Dynamic Range

EBD650: 2.8-12mm, Charcoal
EBD650W: 2.8-12mm, White
- Super High Resolution 650 TVL
- Sony 1/3" Super HAD II D/N CCD Sensor
- Compact, 3-Axis Ball Style Camera
- IP66 Weather Resistant

EXZ330e: 3-Axis, Compact IP66 IR Bullet
- SONY 1/3" Exview HAD CCD II 960H Sensor,
- 700 TVL, 4.3mm, 65 Foot IR Range
- D-WDR, DNR, AES, AGC, AWB
- High sensitivity, low smear, high anti-blooming and high S/N ratio for high performance video

EZ760: 2.8-12mm
EZ765: 5-50mm

POLESTAR IV
- 1/3" SONY 960H WDR Effio-P sensor at 0.03 Lux
- Polestar® useable light boost of 4X~8X without ghosting
- True Day/Night with ICR module & TRUE WDR
- IR range of 195 feet or more from 35 LEDs, Split glass to prevent internal IR reflections
- Easy bottom access to lens controls, with video test point & OSD inside weatherproof cover
- IP66 weather resistant with operation down to -40 degrees
- Vandal resistant, Dual voltage operation

E3D2412MPXW: Indoor Dome with 3 Cameras
- Three independent views from a single coax, power wire and DVR port
- Two wide angle 2.4mm lens camera plus a telephoto 12mm camera in a single housing
- Integral video processor with included IR hand held remote control plus RS485 wired control capability
- PIP, dual PIP, horizontal split and vertical split views. 10 Different customizable layouts

3 Independent Views
- **Single Coax**
- **Single Power Wire**
- **Single DVR Port**
- **Multiple Configurations**

PTZs

EverFocus

Snap & Lock Easy Installation is one of the many great features of what our PTZs offer. Whether you're 5 feet or 50 feet up high, no need to worry about mounting our PTZs, it will snap and lock into place with a turn of your wrist!

EPTZ100
Indoor
Mini Day/Night
- Snap & Lock Easy Installation
- 10x Optical, 10x Digital Zoom
- Includes recessed & surface ceiling mount
- Compact size for discreet surveillance

EPTZ3600
Outdoor
True Day/Night
- Snap & Lock Easy Installation
- 36x Optical, 12x Digital Zoom

EPTZ3100i
Indoor
True Day/Night with WDR
EPTZ3100
Outdoor
True Day/Night with WDR
- Snap & Lock Easy Installation
- 30x Optical, 8x Digital Zoom
- WDR to improve images under extreme lighting conditions

IP & HDcctv PTZs also Available!

Part Number	EPTZ100	EPTZ3100	EPTZ3100i	EPTZ3600
Pickup Device	1/4" Sony Super HAD CCD	1/4" Sony CCD		1/4" Sony Ex-View HAD CCD
Video Format	NTSC or PAL			
Scanning System	n/a	NTSC: 525 TVL, 60 fields/sec., PAL: 625 TVL, 50 fields/sec.		
Picture Elements	n/a	768 x 494 (NTSC) / 752 x 582 (PAL)		
Horizontal Resolution	520 TVL (Color Mode), 570 TVL (B/W Mode)	520 TVL		530 TVL
Sensitivity	0.7 Lux/F=1.8 (50 IRE - color mode), 0.02 Lux/F=1.8 (50 IRE - b.w mode), 0.005 Lux (DSS x 128)	Normal: 0.4 Lux/F1.6, Night Mode: 0.08 Lux/F1.6 (ICROn)		Normal: 1.4 Lux/ 1/60(1/50)sec, Night Mode: 0.01 Lux/ 1/4(1/3)sec (ICR On)
S/N Ratio	Over 50 dB	50 dB		
Video Output	BNC 1.0Vp-p (sync. Negative)	BNC 1.0Vp-p / 75 ohm		1Vp-p/75ohm
Electronic Shutter	1/60 (1/50) - 1/120,000 automatic (ESC) or manual	128x - 1/60 (1/50) - 1/120,000 (NTSC/PAL)		
Digital Slow Shutter	Up to 128x	128x		60x (50x for PAL)
Shutter Selection	1/60 ~ 1/120,000 NTSC, 1/50 ~ 1/120,000 PAL, Automatice (ESC) or Manual	AUTO/A.FLK/Manual 128x-1/60 (1/50) 1/120,000 selectable		AUTO; A.FLK; Manual 1~1/10,000 selectable
Lens Type	f=3.8mm(wide) ~ f=38mm (tele), f=1.6mm(wide) ~ f=2.8mm(tele)	f=3.3mm wide to 99mm tele, F1.6 to F3.2		36x optical zoom, f=3.4mm (wide) to 122.4mm (tele), F1.6 to F4.5
Zoom Ratio	10x Optical Autofocus Zoom (+10x digital zoom, max. 100x)	240x max. (30x Optical and 8x digital zoom)		432x max (36x optical and 12x digital zoom)
True Day/Night	IRC + b/w switching manual/automatic	Yes (Auto/DAY/NIGHT)		
Backlight Compensation	Adjustable 3 steps/Off	Yes (Off, Low, Mid, Hi)		Yes (Off, On)
AGC	Adjustable 3 steps/ Off	Yes (Off, Low, Mid, Hi)		Yes (Auto, Manual)
WDR	n/a	Yes (OFF, Auto, On)		Yes (Off, On)
White Balance	Auto AWC/ATW mode, manual	Indoor/Outdoor, MAN5100K/3200K/2000K, One Push		Auto, Indoor, Outdoor
Motion Detection	n/a	Yes (On/Off)		Yes (4 zone)
Privacy Zone Masking	4 zones, free adjustable	Yes (8 zones)		
Gamma Correction	n/a	0.45		n/a
Sync Mode	Internal			
Focus Control	Auto, one-push AF, manual	One Push/Auto/Manual		
Horizontal Rotation Range	360° unlimited rotation			
Tilt Rotation Range	90° with auto flip	90˚ pendulum motion		
Auto Zoom Speed Control	n/a	Control speed auto-adjusted according to zoom length changing		
Auto Pan	2 points scanning: adjustable speeds & end stops	2 point scanning, can set freely		
Auto Pan Speed	2, 6, 12, 30, 60, 120°/ second	1~255 grade available, 0.01°/s-360°/s	1~255 grade available	1~255 grade available, 0.01°/s-360°/s
Preset Position	64	192 Positions		
Running to Position Speed	up to 240° / sec	1~255 grade available, 0.01°/s-360°/s	1~255 grade available (at preset position)	1~255 grade available, 0.01°/s-360°/s
Tour	Preset tours 1 tour w/ 16 positions, 4 group tours w/ 4 positions each, 1 tour with individual setup (up to 32 positions)	16 groups		
Tour Point Per Group	1 tour with 16 positions, 4 group tours with 4 positions each	16 preset positions		
Pattern Position Accuracy	4x 10 min patterns, up to 800 movements/600s each	4 patterns with 90 seconds long each	4 patterns with 90 seconds long	
Alarm	3 inputs, 1 output (with tour/position auto triggering)	4 in, 2 out with tour/position auto triggering		
Built-in Menu Functions	Yes, OSD			
Communication	RS-485 simplex 2 wire			
Communication Speed	2400/4800/9600bps	1200/2400/4800/9600bps		
Built-in Protocols	EverFocus/Pelco-P/Pelco-D (setup by DIP switch	EVF-1, Pelco-P, Pelco-D, A-Type, Plus-D, AUTO, Panasonic (Plus-D supports all other brands, equivalent to Pelco-D)		
Edit Address	Yes (through DIP switch)			
Speed Dome Address	1 ~255 (setup by DIP switch)	0~255		
Manual Pan/Tilt Speed	0.5°~240°/ sec	Pan: 0.01° ~ 180°/s, Tilt: 0.01° ~ 180°/s		
Weather Resistant Rating	n/a	IP66	n/a	IP66
Power Source	24VAC +/- 10%	24VAC		
Power Consumption	19W max. (w/ PTZ motor), 12W max (w/out PTZ motor)	21W max		
Operating Temperature	0°C ~ +40°C / 32°F ~ 104°F _ 85%	-40°C ~ 50°C / -40°F ~ 122°F _ 85%	-10°C ~ 50°C / -14°F ~ 122°F _ 85%	
Dimensions	8" x 4.5" (with ceiling mount adapter)	7.1" x 11"	6.3" x 9.1"	7.1" x 11"
Weight	3.3 lbs (camera module incl. adapter board)	6.6 lbs		6.62 lbs
Certification	CE, FCC			

*EverFocus is not responsible for typographical errors. Product specifications are subject to change without notice. *Additional specifications may be available on the complete spec.*

Standard EverFocus DVR Features

- Free MobileFocus Mobile Device Monitoring App: iPhone/Android/Blackberry
- Online Web interface: Allows 10-users to simultaneously view online from a browser
- Independent Channel Controls: Frame Rate/Resolution/Record Quality
- Recording resolution can be changed at different times of the day via scheduling
- 3 user levels to control access to DVR functions locally and online
- Simultaneous Pentaplex Operation at DVR & Online: Live/Recording/Playback/Archiving/ Remote View
- FREE DDNS Service Hosted by EverFocus for EASY Networking Options
- H.264 Compression for efficient disk and network utilization
- Dual Stream Controls: Record at a higher res. but view live video at a lower res. online/mobile device for faster viewing
- Local & Network On-Screen PTZ Control
- Built-in recording calculator used to estimate storage capacity based on settings
- 2x & 4x Live/Playback Zoom
- Express Playback & Search: Point, Click, Drag playback bar for Instant Viewing
- Express Setup: Unique menu option for quick & easy installation

960 DVR Options

ECOR960-16X1
WD1 (960x480) Recording
16 Ch, DVD, 1/2/4/6 TB

Paragon960-X1
WD1 (960x480) Recording
16 Ch, DVD, 2/4/6 TB

Paragon960-X4
WD1 (960x480) Recording
480 FPS Real Time Recording
16 Ch, DVD, 2/4/6 TB

Select DVR Features

Quick Archive
Instantly Archive the last 10-90 min

Remote Archive
Remotely Archive to USB/DVD

Snapshot Search
View days of footage in minutes.

Smart Search
Identify Points of Interest

ECOR264-4 F2/D2 Series: 4 Channel

ECOR264-4F2: Without DVD Burner
ECOR264-4D2: With DVD Burner
- 120 FPS at 2-CIF/CIF, 60 FPS at D1
- VGA and BNC Main Monitor
- Time/Date & Event Search
- Compact space saving design

ECOR264-4F2	ECOR264-4D2
ECOR264-4F2/500: 500 GB	ECOR264-4D2/500: 500 GB + DVD
ECOR264-4F2/1TB: 1 TB	ECOR264-4D2/1TB: 1 TB + DVD
ECOR264-4F2/2TB: 2 TB	ECOR264-4D2/2TB: 2 TB + DVD

ECOR264-8D2 Series: 8 Channel

ECOR264-8D2: With DVD Burner
- 240 FPS at CIF, 120 FPS at 2-CIF, 60 FPS at D1
- VGA and BNC Main Monitor
- Time/Date & Event Search
- Compact space saving design
- Hard Drive Options: 500 GB, 1 or 2 TB

ECOR264-8D2
ECOR264-8D2/500: 500 GB
ECOR264-8D2/1T: 1 TB
ECOR264-8D2/2T: 2 TB

**MobileFocus Available for Download
in the App Store iPhone/Android**

ECOR264-X1 Series
4, 9, 16 Channel with DVD

ECOR264-X1R Series
4, 9, 16 Ch with Hot-Swap Hard Drive

- Built-in DVD Burner (X1 Series) Hot-Swap Hard Drive (X1R Series)
- Choice of VGA or BNC Main Monitor
- 4-Audio Inputs, 1-Audio Output / eSATA Port
- Time/Date, Event, Smart & Snapshot Search + Quick Archive

ECOR264-4X1 4 Ch with DVD	ECOR264-9X1 9 Ch with DVD	ECOR264-16X1 16 Ch with DVD
ECOR264-4X1/500: 500 GB	ECOR264-9X1/500: 500 GB	ECOR264-16X1/500: 500 GB
ECOR264-4X1/1T: 1 TB	ECOR264-9X1/1T: 1 TB	ECOR264-16X1/1T: 1 TB
ECOR264-4X1/2T: 2 TB	ECOR264-9X1/2T: 2 TB	ECOR264-16X1/2T: 2 TB
ECOR264-4X1/4T: 4 TB	ECOR264-9X1/4T: 4 TB	ECOR264-16X1/4T: 4 TB

ECOR264-4X1R 4 Ch Hot Swap	ECOR264-9X1R 9 Ch Hot Swap	ECOR264-16X1R 16 Ch Hot Swap
ECOR264-4X1R/500: 500 GB	ECOR264-9X1R/500: 500 GB	ECOR264-16X1R/500: 500 GB
ECOR264-4X1R/1T: 1 TB	ECOR264-9X1R/1T: 1 TB	ECOR264-16X1R/1T: 1 TB
ECOR264-4X1R/2T: 2 TB	ECOR264-9X1R/2T: 2 TB	ECOR264-16X1R/2T: 2 TB

EPARA264-32X4: 32 Ch
EPARA264-32X4R: 32 Ch + Hot-Swap

- 960 FPS at CIF/2-CIF, 480 FPS at D1
- HDMI, VGA Main Monitor & BNC Call Monitor
- Time/Date, Event, Smart Search + Quick Archive
- eSATA port, DVD Burner

EPARA264-32X4
EPARA264-32X4/4: 4 TB
EPARA264-32X4/8: 8 TB

EPARA264-32X4R Hot-Swap
EPARA264-32X4R/4: 4 TB

DVR Specifications

EverFocus

Part Number	ECOR264-4F2	ECOR264-4D2	ECOR264-8D2	ECOR264X1	ECOR264-X1R	EPARA264-32X4	ECOR960-16X1	EPARA960-X1	EPARA960-X4
Channels	4		8	4,9, 16	4,9,16	32	16		16
All CIF (NTSC / PAL)	120/100		240/200	120/100	120/100 (4X1), 270/225(9X1), 480/400(16X1)	960/800	480/400		
Half D1 (NTSC / PAL)	120/100			120/100(4X1), 240/200(9X1, 16X1)		960/800	240/200		480/400
All D1 (NTSC / PAL)	60/50			120/100		480/400	120/100		480/400
WD1 (NTSC / PAL)	n/a						120/100	120/100	480/400
Camera Inputs (NTSC/PAL automatic selection)	4 BNC-F (NTSC/PAL automatic selection)		8 BNC-F (NTSC/PAL automatic selection)	4, 9, 16		32 BNC-F (NTSC/PAL automatic selection)	16 BNC-F (NTSC/PAL automatic selection)	16 BNC	16 BNC-F (NTSC/PAL automatic selection)
Looping Camera Outputs	n/a			One per camera input (BNC)		n/a	One per camera input (BNC)		
Video Outputs	VGA + BNC*			VGA or BNC*		HDMI or VGA*	VGA or BNC*	HDMI or VGA or BNC*	HDMI or VGA*
Call Monitor	n/a			BNC multiview/event controlled		BNC (16 Only)	BNC		BNC multiview/event controlled
USB	2 USB 2.0 Ports*								
Built-in DVD Burner		Yes					Yes		
Hot-Swappable Bays	n/a			Yes		2 optional hot swappable HDDs	n/a		
Hard Drive Max	2 TB			6 TB	2 TB	16 TB	8TB		16 TB
External Hard Drive	n/a			eSATA Option*	n/a	eSATA Option*			
Audio Input	1 RCA Input			4 RCA Inputs		16 RCA Inputs*	4 RCA Inputs	4/1 Line	16 RCA Inputs*
Audio Output	1 RCA Output					2 RCA Outputs	1 RCA Output		2 RCA Outputs
RS-485	Terminal connector					2 RJ45 connectors	Terminal connector	x1	Termnial Connector
Compression Format	H.264						H.264 MPEG4		
OS	Embedded Linux								
Pentaplex Operation	Simultaneous Live, Recording, Playback, Archive, and Remote viewing								
User Interface	GUI (Graphical User Interface)								
User Access	3 Levels of User Access Supported (Local/Remote)								
Mobile Viewing	Live view on PDA or smart phone browsers, plus various web browsers & MobileFocus FREE apps for iPhone & Android								
2x/4x Live/Playback Zoom	Yes								Yes
Dual Live Web Interface Streaming (Main/Sub)	Yes					No	Yes		
Sub Stream Option	Yes					No	Yes		
Playback Search	Date/Time, Event, Smart				Date/Time, Event, Smart, Snapshot				
Event Log	Yes								
Watch Dog Timer	Yes								
Smart Search	Yes								
Snapshot Search	No	No	No	Yes					
Remote/Quick Archive	Yes								
Text Search	No			Yes		Yes	No		No
Motion Detection	Yes						Yes		
Video Loss Detection	Yes						Yes		
Schedule Setting	Express and Advanced Schedule Setting Tools								
2-Way Audio	Yes, via web interface								
Recording Mode	Continuous, Event and Schedule								
Video Pause	Yes						Yes		
Remote Reboot	Yes						Yes		
Event E-mail Notification	Yes						Yes		
Control PTZ via OSD	Yes								
PTZ Alarm Mode Trigger	Yes								
Supported PTZ Protocols	EverFocus, Pelco D, Pelco P, Samsung, Transparent								
Language Support	Multi-Language Support								
Alarm-In	4 terminal connectors		8 terminal connectors	One per camera input		16 terminal connectors	16/4 Form C (SPDT)	16 terminal connectors	
Alarm-Out	1 terminal connector NO/NC (form "C" - rated: 12VDC @ 1A)			1, 2, 4		4 form "C" (SPDT) relays; 30VDC@1A rating	4 terminal connectors		4 x relays: 30 VDC @ 1A rating
Alarm PTZ Preset/Mode Trigger	Yes								
Power Source	External power supply (110-240VAC input/12V DC output)					Internal power supply (110-240VAC input)	External power supply (110-240VAC input/12V DC output)	120 -240 VAC, 150W Max	Internal power supply (110-240VAC input)
Temp (F ǀ C)	32°~104°F(20-80% humidity) ǀ 0°~40°C								
Dimensions (in)	9.88" x 12.6" x 2.75"			13.89" x 13.96" x 3.06"		16.93" x 16.65" x 3.13"	13.97" x 13.89" x 2.75"	19.93" x 16.65" x 3.74"	16.93" x 16.65" x 3.74"
Dimensions (mm)	250.95 x 320 x 69.85mm			353 x 354.8 x 70.6mm		430 x 423 x 72mm	355 x 353 x 70mm	430 x 423 x 95mm	430 x 423x 95mm
Certifications	CE, FCC UL			CE, FCC, UL		CE, FCC	CE, FCC, UL	CE,FCC,UL	CE, FCC, UL

Apps: Access your important systems while on the go! We have apps for the iPhone and Android devices along with our newly introduced iPAD HD App! Each app has a fully functional FREE version for you to use!

New Mac CMS

PC or Mac: Did you know you could access your EverFocus system from your Apple computer?

PowerVideo Plus: Access your IP, Analog and Mobile devices from ONE Central CMS!

EverFocus

EMV800/1200 Shown

EMV400/800/1200 Features (UL)

4 Ch/500 GB: EMV400/500, EMV400W/500 (WiFi)

8 Ch/500 GB: EMV800/500

12 Ch/500 GB: EMV1200/500, EMV1200W/500 (WiFi)

- Free MobileFocus Mobile Device Monitoring App: iPhone/Android/Blackberry
- Online Web interface
- Real time recording and playback for each camera at 4CIF
- Independent Channel Controls: Frame Rate/ Resolution/Record Quality
- FREE DDNS Service Hosted by EverFocus for EASY Networking Options
- Easy to Use Graphical Interface, USB mouse (included), IR remote controller (included), EKB500 Control Keyboard (sold separately)
- Call Monitor: single mode (EMV800/1200 only)
- Main Monitor: Choice of BNC or RCA
- 1-Audio Input per Channel, 1-Audio Output
- H.264 Compression for efficient disk/network utilization
- 2x & 4x Live/Playback Zoom
- Optional external GPS Sensor (EMV-GPS) for speed and geographic limit alarms (rectangular or circular fencing) for the EMV400/800/1200
- Embedded 3-axis G Sensor; data recorded; alarm if separate user limits X/Y or Z axis exceeded
- Capable of external EDGE/GPRS/DCMA/ WiFi modules for cellular/specialized wireless transmission via 3rd party components

EMV200
2 Channel Compact Portable DVR

- Real Time Recording at 30 FPS at D1
- 2 Video/Audio, 1 Monitor Inputs
- Built-in GPS Module
- Compatible with a 64GB SD/SDHC Card (SD/SDHC card sold separately)

(UL)

Part Number	EMV400	EMV800	EMV1200	EMV200
Channels	4	8	12	2
All CIF (NTSC / PAL)	120/100	240/200	480/400	60/50
All 2 CIF (NTSC / PAL)	120/100	240/200		60/50
All D1 (NTSC / PAL)	120	240/200	120/100	60/50
Camera Inputs with Vibration Resistant Locking Molex Connectors	4 (Interface cables to BNC-F supplied: two groups of 2 inputs each)	8 (Interface cables to BNC-F supplied: 2X groups of 4 inputs each	12 (Interface cables to BNC-F supplied: 3X groups of 4 inputs each	2 (Interface cables to BNC-F provided)
Video Outputs	BNC rear panel or RCA front panel			BNC*
Call Monitor	n/a	BNC single channel		n/a
USB	2.0 interface			
Hot-Swappable Bays	Yes			Yes (Optional SD Card)
Hard Drive Support	1 hot-swap 2.5" HHD (up to 500GB)	1 hot-swap 2.5" HDD (up to 500GB)		1 SD card, up to 64GB with tamper resistant retention cover
Hard Drive Max	500GB	500GB		32GB SD card
Network Protocol	RJ45 socket, 10/100Mbps; 802.1 b/g WiFi with diversity antennas* TCP-IP/ DHCP/PPPoE/DDNS/SMTP/SSL/POP3/HTTP/NTP			10/100Mbps TCP-IP/ DHCP/PPPoE/DDNS/ SMTP/SSL/POP3/HTTP/ NTP
Audio Input	Per Channel line in vibration resistant locking Molex connectors-Interface cables to RCA-F supplied*			
Audio Output	1 front panel RCA line out	1 front panel RCA line out,1 rear panel RCA line out		1 RCA line out
RS-232	Yes vibration resistant locking Molex terminal connector			
RS-485	Yes vibration resistant locking Molex terminal connector			n/a
Compression Format	H.264			
OS	Embedded Linux with special small monitor friendly GUI			
User Interface	Special Small Monitor Friendly GUI			
User Access	3 Levels of User Access Supported (Local/Remote)			
Mobile Viewing	Live view on PDA or smart phone browsers, plus various web browsers & MobileFocus FREE apps for iPhone & Android			
2x/4x Live/Playback Zoom	Yes			
Sub Stream Option	Yes (H.264/MJPEG)			
Playback Search	Time/date, Event, GPS			Time/date, Event, GPS
Event Log	Yes			
Watch Dog Timer	Yes			
Video Loss Detection	Yes			
2-Way Audio	Yes, via web interface			
Recording Mode	Continuous and Event			
Video Pause	Yes			
Remote Reboot	Yes			
Event E-mail Notification	Yes			
Language Support	English, Russian Traditional Chinese, Modern Chinese, French			
Alarm-In	6 alarm inputs	8 Alarm Inputs	12 alarm inputs	2 alarm inputs
Molex Connectors	Vibration resistant locking Molex connectors-Interface cables supplied			
Alarm-Out	2 alarm outputs (form "C"; contacts rated at 30V AC/DC @ 1amp- interface cables supplied)	2 alarm outputs (form "C"; contacts rated at 30V AC/DC @ 1 amp- interface cables supplied)		1 alarm output SPDT/ Form "C" (vibration resistant locking Molex connectors- Interface cables supplied)
G-Sensor	Embedded 3-axis G Sensor; data recorded; alarm if separate user limits for X/Y or Z axis exceeded			n/a
GPS Function	Optional External GPS Sensor for speed and geographic limit alarms (rectangular or circular fencing)			Embedded GPS Sensor for speed and geographic limit alarms (rectangular or circular fencing) GPS antenna included
Power Delay On/Off (mobile)	Yes			
Power Source	10V-36VDC input (vibration resistant locking Molex connectors)			
Temp (F I C)	-40°F~131°F I -20°C~55°C operating*	-40°F~131°F I -10°C~55°C operating*		-4°F~131°F I -20°C~55°C operating*
Dimensions (in I mm)	7.8" x 7" x 2" 199 x 178 x 50mm	10.24" x 8.27" x 2.76" I 260 x 210 x 70mm		4.6" x 2.5" x 1.5" 117 x 63 x 38.4mm
Certifications	CE, FCC	CE, FCC, UL		

Mobile Cameras

EMV-GPS
GPS Receiver for EMV-400/800/1200

EMW330
Outdoor Day/Night IR Wedge
Front/ Bottom View, 3.6mm Fixed
IP67 Weather Resistant

EMW330T
Outdoor Day/Night IR Wedge
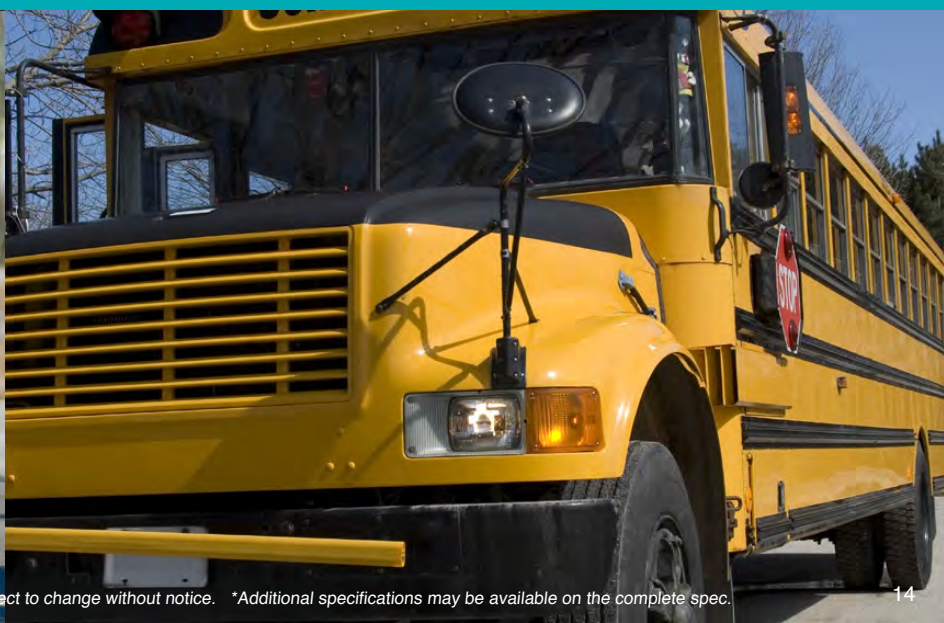Front View, 2.9-19mm
IP67 Weather Resistant

EZ-PlateCam2
**Outdoor Long Range
License Plate Camera**

- Vari-focal 5-50mm lens
- High Resolution Technology with 600 TVL
- Easy to use OSD setup menu
- Cable Management bracket included
- IP65 weather resistant
- Capture range 16-65 Feet
- Max Capture Speed 62 MPH
- Built-in Heater
- Special filter + IR LEDs deliever maximum legibility despite headlights & glare*

Part Number	EMW330 I EMW330T
Pickup Device	1/3" Sony Super HAD CCD
Video Format	NTSC or PAL
Picture Elements (NTSC)	768 x 494 (NTSC)
Scanning System	NTSC: 525 TVL, 60 fields/sec. PAL: 625 TVL, 50 fields/sec.
Horizontal Resolution	520 TVL
S/N Ratio	Over 48 dB (AGC off)
Electronic Shutter	1/50 (1/60) - 1/100,000s
Video Output	BNC 1.0Vp-p, 75_
Gamma Correction	0.45
Lens Type	f=3.6 mm fixed board lens I Varifocal f=2.9-10mm or f=9-22mm lens
Lens Options	Dual Position (end or side view option) I Single Position (side view only)
BLC	Yes*
Gain Control	Yes*
White Balance	Yes*
Sync Mode	Internal Sync*
IR LED	40 IR LEDs
IR Wave Length	850 nm
IR Distance	Up to 15 meters / 50 ft
IR LED Lifespan	Up to 20,000 hours
IR Configuration	n/a
Environmental	IP67
Power Source	12VDC
Power Consumption	8.4W max (Heater On & IR LED On)
Operating Temp	-40°F~140°F
Weight (lbs)	1.32 lbs.
Vandal	Resistant
Heater	Yes
Certifications	CE, FCC, RoHS

Part Number	EZ-Platecam2
Pickup Device	1/3" Sony Super HAD CCD II
Video Format	NTSC or Pal
Picture Elements	811 x 508 (NTSC) I 811 x 508 (NTSC)
Effective Pixels (NTSC I PAL)	768 x 494 (NTSC) I 752 x 582 (PAL)
Scanning System	2:1 Interlace
Scanning Frequency	15.734 KHz (H), 59.94 Hz (V) I 15.625 KHz (H), 50 Hz (V)
Horizontal Resolution	600 TVL
Sensitivity IR on	0 Lux
S/N Ratio	Over 50dB (AGC off)
Electronic Shutter	1/10,000s
Video Output	BNC 1.0Vp-p 75Ω
Local Video Output	Local test output
Gamma Correction	0.45
Lens Type	5-50mm
Lens Options	Vari-focal lens
Sync Mode	Internal
IR LED	100 high illuminating LEDs
IR Wave Length	850nm
Capture Range	16-65 Feet. Maximum Capture speed: 62 MPH Maximum angle between straight line and direction of travel: 20° horizontal I 20° vertical
Negative Image	On/Off
Operative Modes	Installation/LPR
OSD Menu	Yes
Environmental	IP65 Weather Resistance
Power Source	12VDC/24VAC
Power Consumption	12VDC: 1.6A max 24VAC: 28W max
Operating Temp	14°F~122°F I -10°C~50°C
Dimensions (in I mm)	4.54" x 6.48" I 115.2mm x 164.5mm
Weight (lbs I gm)	4lbs I 1800g
Mount	Mount Bracket Included
Certifications	CE/FCC

1080p Series

HDMIA Series: Everyday Monitor
In: HDMI, VGA, BNC | Out: BNC
10" | 15" | 17" | 19"

SP Series: Low Cost & Great Value
In: BNC, VGA | Out: BNC
19" | 22" | 24" | 27"

1080p Series: Large Sizes & Superior Quality
In: HDMI, VGA, BNC | Out: BNC
23" LED | 26" | 32" | 42" | 55" | 65" | 70"

PVM Series: Public View Monitors with WDR
In: HDMI, VGA, BNC, SD Card | Out: BNC
19" | 22"

EN7508 Series
8" Mobile

HDMIA Series

PVM Series

EN220 Series
• 5.6" Portable Test Monitor

Part Number	EN7515HDMIA	EN7517HDMIA	EN7519HDMIA	EN7519SP	EN7522SP	EN7524SP	EN7527SP
Monitor Size	15"	17"	19"		22"		
Resolution	1024x768	1280 x 1024 (SXGA)		1360 x 768	1920 x 1080		
Viewing Line	550 lines TVL	570 TV Lines		420 TVL			
Pixel Pitch	0.297x0.297mm	0.264mm	0.294mm	0.28			
Contrast Ratio	800: 1	800:1		2000:1 (DCR)			
Response Time	6ms	5ms				2ms	
Viewing Angle	H: 170°, V: 160°	H: 170°, V: 170°		160° (H & V)		H: 170°, V: 170°	
3D Comb Filter	n/a	Yes		2D COMB FILTER			
De-interlace & Noise Reduction	Yes			2D DE-INTERLACE			
OSD	Multi-Language						
Display Colors	16.7 million						
Speakers	2x3watts	2 each (3 watts)				2 each (2 watts)	
Video Inputs	HDMI,VGA,BNCx2	HDMI (1), VGA (1), BNC (1), RCA (1)	HDMI (1), VGA (1), BNC (1)	BNC/VGA			
Video Outputs	BNCx1	BNC (1)		BNC			
Audio Inputs	3 inputs	Stereo PC					
Audio Outputs	n/a						
Power Consumption	<20W	<35 W, <1W (standby)		<25W	<35W	<30W	
Power Source	12VDC,3A	AC100-240V 60/50Hz		AC 100-240V~50/60Hz, 1.1A		AC 100-240V 50/60 Hz, 1.1A	
Dimensions (L x W x H)	n/a	20.39" x 18.31" 6.5"	22.83" x 6.5" x 20.28"	17.5 x 7.5 x 13.8"	20.2 x 15.4 x 7.5"		
Dimensions (L x W x H) Without Stand	13.6" x 10.5" x 2"	20.39" x 2.75" x 13.25"					
Weight	3.8kg	13.22 lbs	15.43 lbs	7.89 lb	9.7 lb		
Operating Temp	0°C~40°	5°C - 40°C/ 41°F - 104° F		50-104°F / 10-40°C	32°F-122°F / 0°C-50°C		
Certifications	CE,FCC,ROHS	CE, FCC, CB, UL(option)		FCC, CE	FCC, CE CB RoHS		
Desk Stand	Yes	Removable Stand		Tilt stand			
Accessories Included	Power supply, VGA cable,audio cable, user guide & stand	VGA Cord, PC Audio Cord, HDMI Cord		Power cord, audio cable, VGA cable, users guide			

Power Supplies

DC Regulated Master Power Supplies

DCR4-3.5-2UL	12v, Master, 4 Ch., 4 AMPs
DCR8-3.5-2UL	12v, Master, 8 Ch., 4 AMPs
DCR8-8-2UL	12v, Master, 8 Ch., 8 AMPs
DCR16-8-2UL	12v, Master, 16 Ch., 8 AMPs
DCR16-22-UL	12v, Master, 16 Ch, 16 AMPs
DCR18-18-1U	12v, Master, 18 Ch., 18 AMPs (Fused)

AC Regulated Master Power Supplies

AC4-1-2UL	24v, 4 Ch., 4.2 AMPs
AC8-1-2UL	24v, 8 Ch., 4.2 AMPs
AC8-2-2UL	24v, 8 Ch., 8.4 AMPs
AC16-2-2UL	24v, 16 Ch., 8.4 AMPs
AC16-4-2UL	24v, 16 Ch., 16.8 AMPs

Plug-in Power Supplies

AD-1S	12v, Plugin, 500 Mili-Amps, Slim
AD-1AS	12v, Plugin, 1 AMP, Slim
AD-2F	24v, Plugin, 500 Mili-Amps,
AD-4F	24v, Plugin, 1.5 AMPs

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EverFocus

Monitor Mounts

BA-WB5
- Flush Wall Mount Bracket
- Ideal for LCD Displays up to 32"
- 75-100mm VESA compatible
- Supports up to 60 lbs of weight

BA-WB30
- Swing-arm monitor mount
- Tilt/Swivel head for optimum viewing angle
- Monitor displays up to 24", 30lbs of weight
- 75-100mm VESA compatible
- 180° of left/right rotation, 20° of up/down tilt

BA-RMK08
- Universal Monitor Rack Mount
- Up to 35° tilt for adjustable viewing
- Adjustable depth from 1.45" - 3.14"
- Saves Rack Space
- Dual mount on any 8" - 9" LCD
- CTN dimension 20.3" x 8.7" x 3.6"
- Supports up to 20.4 lbs of weight

BA-WB10
- Wall Mount with Tilt/Rotate Capability
- Ideal for monitor displays up to 24"
- 75-100mm VESA compatible
- Supports up to 40 lbs of weight
- 180° of left/right rotation, 20° of up/down tilt

BA-WB71
- Wide screen wall mount bracket
- Ideal for monitor displays 32" - 42"
- Universal design (compatible with non-VESA)
- Lateral adjustment
- Supports up to 165 lbs of weight

BA-CB42
- Ceiling Mount Bracket
- Ideal for monitor displays up to 10"-30"
- 75/100/200mm VESA compatible
- Supports up to 66 lbs of weight
- 180° of left/right rotation, 20° of up/down tilt
- 24" - 35" pole adjustment length
- Solid Steel Construction

Part Number	EN1080P23LED	EN1080P26A	EN1080P32B	EN1080P42A	EN1080P55A	19 inch PVM	22 inch PVM
Monitor Size	21.5"	26"	32"	42"	55"	19"	21.5"
Resolution	1920X1080	1366x768	1920X1080	1920x1080		1280x1024	1920X1080
Viewing Line		600 lines (TVL)		600 lines (TVL)	800 lines (TVL)	600 lines	650 LINES
Pixel Pitch	0.248(H) X 0.248(W)	0.4215mm		0.4845mm	0.6mm	0.294x0.294	0.248x0.248
Brightness	250cd/m2		300cd/m2				
Contrast Ratio	1000 : 1		5000 : 1	2500:1	3500 : 1	1000: 1	
Response Time	5ms		8ms	6.5ms	8ms	5ms	
Viewing Angle	H: 170° V: 160°	H: 160°, V: 150°	H: 178°, V: 178°			H: 170° V: 160°	
3D Comb Filter	3D digital comb filter			Yes			
De-interlace & Noise Reduction	Yes						
OSD	Multi-Language						
Display Colors	16.7 million						
Speakers	2W x 2	2 each (10 watts)	2W x 2	2 each (10 watts)		2x3watts	
Video Inputs	VGA (15 Pin D-SUB) x 1, HDMI	BNC (2), VGA (1), S-Video (1), HDMI (1)	VGA (15 Pin D-SUB) x 1, HDMI, BNC x2 DVI x1, S-Video x1	BNC (2), VGA (1), S-Video (1), HDMI (1)		HDMI, VGA, BNC, S/D Card	
Video Outputs	BNC x 1	2 BNC	BNC x 2	2 BNC		BNC x 2	
Audio Inputs		2 Inputs	RCA (R/L) x1	2 Inputs		3 input	
Audio Outputs	PC Audio x 1	2 outputs	RCA (R/L) x1	2 outputs			
Power Consumption	33W Max	≤140W	35W	<260 W	<400 W	<25W	<30W
Power Source	12VDC/ 3.3 A	AC100-240V		AC100-240V	AC110-240V	24VDC,2A	
Dimensions (L x W x H)	516 x 418 205mm	440 x 370 x 75mm		44.1" x 11.8" x 30.7"	58.7" x 11.8" x 37.8"		
Dimensions (L x W x H) Without Stand		659 x 408 x 102mm		1017 x 608 x 115mm	1323 x 794 x 129mm	402x382x74mm	502x350x74mm
Weight	6.0kg	10kg		77.2 lbs.	121.3 lbs.	5.2kg	7.5kg
Operating Temp	0°C~40°		0°C - 60°C 32°F - 140° F	0°C - 40°C/ 41°F - 104° F		0°C~40°	
Certifications	CE, FCC	FCC, CB, CE, ROHS	CE, FCC, CB, BSMI	FCC, CB, CE, ROHS	ROHS	CE,FCC,ROHS	
Desk Stand		Stand and wall-mount bracket for option		Stand and wall mount bracket optional		n/a	
Accessories Included		Remote control and user guide, power cord, HDMI cord		Remote control and user guide, power cord, HDMI cord		Power supply,user guide	

Standard & Megapixel Lenses

FL Series

EFV Series

Megapixel Series

Board Lenses

FL-2520	2.5mm Lens	FL8020	8mm Lens
FL-3620	3.6mm Lens	FL1220	12mm Lens
FL-4320	4.3mm Lens	FL1620	16mm Lens
FL-6020	6mm Lens		

VariFocal Lenses

EFV-2812DC	2.8-12mm, Auto-Iris Lens
EFV-358DC	3.5-8mm, Auto-Iris Lens
EFV-550DC	5-50mm, Auto-Iris Lens

Megapixel Lenses

EFV-2812DCMP	2.8-12mm Megapixel Auto-Iris Lens
EFV-410DCMP	4.5-10mm 1/2" Megapixel Auto-Iris Lens
EFV-880DCMP	8-80mm 1/2" Megapixel Auto-Iris Lens
EFV-M0940DCIR	9-40mm 1/2" Megapixel Auto-Iris Lens
EFV-M1803DCIR	1.8-3mm 1/2" Megapixel Auto-Iris Lens, WITHOUT FISH EYE Distortion!!!

Megapixel Lenses
Virtual Pan/Tilt/Zoom

Cover large areas with a single lens & zoom-in with clarity. Use with IP & HDcctv.

EverFocus

Mounting Brackets

BA-01

FH-7153HB
FHB-300
Series

BA-EHD2
BA-EHD3

BA-EDMS

BA-EHD+

BA-01	Box Cameras: Aluminum Bracket, 6.1" x 1.77"
BA-03	Box Cameras: Plastic Bracket 4.72" x 6.1" x 3.5"
BA-05	Aluminum Mounting Arm for use with the FH-7153 Series Housing
FH-7153	Box Cam Housing, 5.23" x 4.17" x 12.79"
FH-7153HB	Box Cam Housing with Heater and Blower, 5.23" x 4.17" x 12.79"
FHB-300	Box Cam Housing & Mount Combo (FH-7153 & BA-05)
FHB-300HB	Box Cam Housing w/ Htr & Blower & Mount Arm (FH-7153HB & BA05)
BA-ED01	L-Bracket, Beige, for ED335/EDH5240
BA-EDMS	L-Bracket, Silver, for ED550/560/610/EHH5200 Domes
BA-EHD+	L-Bracket for the EHN & EDN Plus Series
BA-EHD2	Wall Mount for EHD500IR/EHD700/EHD730 (Part Number Formerly BA-EHD500IR)
BA-EHD3	Wall Mount for EHH5040/EHH5241
EZ-CMB	J-Bracket Ceiling Mount, Silver, for EZ650/850

HDcctv EASILY Connects with Standard Coax
For Distances Over 500 Feet Choose A Simple Option to Extend Your Range & HD Features

EHACRX/RPT Front	EHARPT Back	EHACRX Back

EDA450: 2-8 TB External SATA Expansion Bay

ESM308T000D: 8 Port
ESM316T002R: 16 Port
Gigabit High Power
PoE Managed Switch
8/16 UTP PoE Ports plus

EP4CQ:
4 Ch Color Quad Processor
Real-Time Quad Display
Compact Size, Low Power Consumption

Ethernet Patch Cable
E5PC025: 25 Feet, Cat5, Gray
E5PC050: 50 Feet, Cat5, Gray
E5PC100: 100 Feet, Cat5, Gray

E5CC: Cat-5e F/F
Straight-through cable coupler

Plug & Play Cables:
CPI-25: 25 Feet
CPI-50: 50 Feet
CPI-75: 75 Feet
CPI-100: 100 Feet
CPI-150: 150 Feet

EHA-FRXMMM: HDcctv Fiber Multi-Mode RX Module
EHA-FRXSMM: HDcctv Fiber Single-Mode RX Module
EHA-FTXMMM: HDcctv Fiber Multi-Mode TX Module
EHA-FTXSMM: HDcctv Fiber Single-Mode TX Module

EHA-MMFSFP: MM Fiber
EHA-SMFSFP: SM Fiber
EHA-UTPSFP: Gigabit UTP

EHF-1M500M: One HDcctv Over Mulitmode Fiber 1640 ft I 500 M
EHF-1S21K: One HDcctv Over Single Mode Fiber 13 Miles I 21 KM

USB1080 Monitor Adapter:
EverFocus offers an adapter that will allow you to add multiple monitors using your USB ports! Simply connect additional monitors, via the adapter, and then drag and drop floating PowerVideo Plus windows for an unlimited amount of views.

Add Monitors to Your Computer by USB!

PTZ Accessories

EKB500 Multi-Function Keyboard	**EPTZ-PBOX** External Power Connection Box	**EPTZ-PLM** Pole Mount Adaptor	**EPTZ-SSM** Outdoor Sun Shield	**EPTZ-CMB** Concrete Ceiling Mount Adaptor	**EPTZ-BKA** Wall/Pendent Mount Adaptor	**EPTZ-WMB** Wall Mount Bracket	**EPTZ100-WLM** EPTZ100 Wall Mount

EKB200 USB Control Keyboard IP Only	**EDA997A** RS-485 Unidirectional Data Dist/Converter	**EPTZ-ICM** Flush Ceiling Mount	**EPTZ-CLM** Ceiling Pendent Mount	**EPTZ-PBM** EPTZ P-Box Adaptor	**EPTZ-CNM** Corner Mount Adaptor	**EPTZ100-CPN** EPTZ100 Pendant Mount

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Access Control

EverFocus

New NAV IP Access Control Series

EFC-301
NAV Series TCP/IP
Standalone
Network Access
Controller

NAV-02-C
NAV Series 2-8 Door
TCP/IP Network
Access Controller

- Network access is based on CAT-5, which can be used for communication
- (10M/100M Ethernet) and Power over Ethernet (POE)
- Mainstream web browser is used to access remote equipment and perform control and administration; no additional software is required
- SSL ensures secure web browser access
- Supports multiple languages
- Supports online system upgrade
- Manages up to 100, 000 cards, and 1 million event log entries
- Supports real-time event logging
- Feature-rich management functions: Capable of conducting access administration based on time, date, location, and cardholder's access privileges.
- Powerful alarm connectivity functions for the ARM/DISARM of controlled areas; the triggering of a fire alarm will effect controls to the appropriate door areas, which provides convenient connectivity
- NAV Software allows management of multiple IP readers

- Embedded Linux operating system, with built-in database engine
- Web browser is used to access remote equipment and perform control and administration; no additional software is required
- Manages up to 31 Flex Series controllers via built-in multiple controller access control system software
- SSL encryption ensures secure web browser access
- Supports automatic backup and upgrade via network and USB 2.0
- Capable of managing up to 100, 000 cards
- Supports 1 million event log entries
- Supports up to 2,048 access control groups and 2,048 types of access control plans
- Supports up to 12 access control modes
- Supports card special/control group special access control modes
- Each door supports 10 independent date configurations (from Sunday to Monday and 3 customized date settings), with Each day broken down into 10 time segments
- Supports expiration, password, anti-passback & first card access
- Equipped with features such as anti-passback, anti-duress, and simultaneous locking

EBC910R
NAV Series TCP/IP
Standalone
Network Fingerprint
Access Controller

- Feature-rich management functions: capable of conducting access administration based on time, date, location, and cardholder's access privileges
- Powerful alarm features: connectivity with the alarm server for the ARM/DISARM of controlled areas; the triggering of a fire alarm will effect controls to the appropriate door areas, which provides convenient connectivity
- Operates via DHCP and static IP, which is a plug-an-play feature
- The protective features of TVS safeguards the fingerprint unit against damage resulting from transient high voltage
- Network access is based on CAT-5, which can be used for communication (10M/100M Ethernet) and Power over Ethernet (POE)
- Mainstream web browser is used to access remote equipment & perform control and administration; no additional software is required
- Embedded Linux operating system: installation of additional software not required to operate and administer the system and controllers
- Easy to use: the keyboard on the controller can be used to conduct simple config tasks
- A single unit that reads cards, scans fingerprints, and provides access control

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2 & 4 Door Kits Now Available!
NAV-02: 2 Door Kits
NAV-04: 4 Door Kits

ERR-871
Card Reader

ERM-871
Slender Card Reader

ERK-871
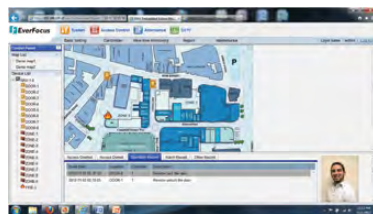**Keyboard Card Reader**

ERU-871
USB Desktop Card Reader

Desktop Card Reader
ERS871: System USB to RS485

Enterprise Web Interface
ENS2000: NAV Series WEB Network Access Control Management Software

- WEB-based networks, which enable cross-network and cross-regional control and administration via Wide Area Network and the Internet
- Independently operating hierarchical structure design may be employed for the terminal and stations to achieve more stable system operation.
- User-friendly real-time electronic map displays for door and controlled areas
- All-new graphical icon design for an easy user operation experience
- Supports arbitrary re-sizing of windows and customized menus
- Supports anti-duress password access function
- Supports multiple languages such as Chinese & English
- Quick configuration for entrances/exits, alarm zones, card readers, etc.
- Supports multiple shifts and attendance management for multi-day shifts
- Attendance mgt. functions are practical, easy-to-use, and contain a wide range of features.
- Administers ELA82x, ELA85x, Flex I, and Flex II series of access controllers

EverFocus is not responsible for typographical errors. Product specifications are subject to change without notice. *Additional specifications may be available on the complete spec.

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EverFocus

Your Safety, Our Focus

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