



Mobile Solution

Mobile Dome Camera p 81

Mobile Wedge Camera ... p 82

Mobile Digital Video Recorders p 83-87

EMD300 *NEW!*

Day/Night Mobile Mini Vandal Dome with Fixed Lens



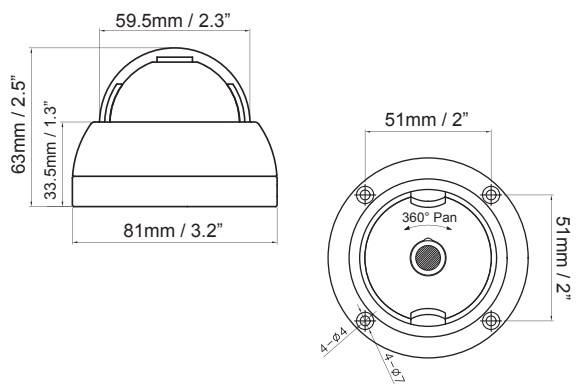
Features

- 1/3" Sony Super HAD CCD II sensor with amazing low light sensitivity of 0.05 Lux
- 550 TVL of super high resolution
- Day/Night operation
- Permits 3-axis positioning for flexible selection of viewing angle
- Video module can be rotated through 360° for direction, 180° for elevation and 360° on axis
- 3.6mm fixed iris board lens
- Vandal resistant with polycarbonate dome cover to withstand intentional damage
- Pan 360° / Tilt 160°
- Low current consumption of 80mA
- Waterproof IP67 rated
- Compact size with only 81mm / 3.2" in diameter and 63mm / 2.5" high
- Die-cast aluminum black or white color base to choose from

Specifications

Image Device	1/3" Sony Super HAD CCD II
Scanning System	2:1 Interlace
Scanning Frequency	NTSC: 15.734 KHz (H), 59.94 Hz (V) PAL: 15.625 KHz (H), 50 Hz (V)
Horizontal Resolution	550 TVL
Total Pixels	NTSC: 811 (H) x 508 (V) PAL: 795 (H) x 596 (V)
Effective Pixels	NTSC: 768 (H) x 494 (V) PAL: 752 (H) x 582 (V)
Electronic Shutter	NTSC: 1/60 ~ 100,000 sec. PAL: 1/50 ~ 100,000 sec.
S/N Ratio	More than 45dB (AGC Off)
Min. Illumination	0.05 Lux / Faceplate
Sync. Mode	Internal
Gamma	0.45
Video Output	1.0 Vp-p Composite (75Ω)
Lens	f=3.6 mm fixed board lens
IP Rating	IP67 (Waterproof)
Operating Temperature	-10°C ~ +50°C / 14°F ~ 122°F
Storage Temperature	-20°C ~ +60°C / -4°F ~ 140°F
Humidity	Less than 80%
Power Consumption	12VDC (±10%), Max. 1W
Dimensions (W x H)	81 x 63 mm / 3.2" x 2.5" (bubble: 59.5mm / 2.3")
Weight	Approx. 216 g / 0.48 lbs

Dimensions



(Unit: mm/inch)

Ordering Information**

- **EMD300/B:** Mobile DayNight Mini Vandal Dome, 550 TVL, 3.6mm Lens, Black Base
- **EMD300/W:** Mobile DayNight Mini Vandal Dome, 550 TVL, 3.6mm Lens, White Base

**** Check with your EverFocus sales rep for release date and availability**

* Models vary in different countries. Visit www.everfocus.com and select your country for accurate ordering information

NEW! EMW330 / EMW330T

520 TVL Mobile Wedge IR Camera with Fixed or Vari-Focal Lens



Shown w/lens & IR
in side-positioning

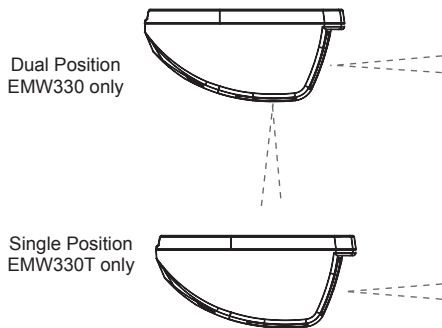


Shown w/lens & IR
in end-positioning

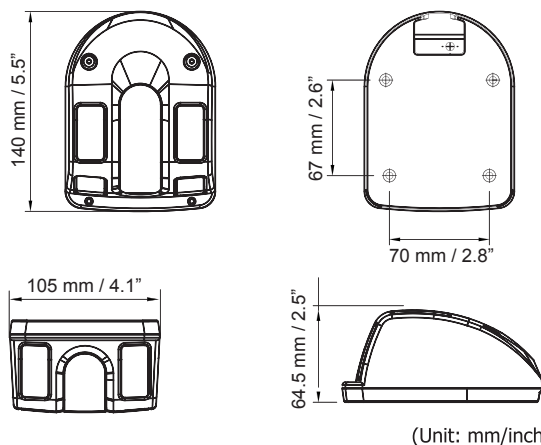


Features

- 520 TVL of excellent high resolution technology
- Streamlined & wedge chassis
- Choice of f=3.6mm fixed lens (EMW330), vari-focal f=2.9~10mm or f=9~22 mm lens (EMW330T)
- IR illuminators to provide clear images at up to 15 meters / 50 feet of IR range
- Allows side, rear, wall & ceiling mounting (brackets not required)
- Visible light sensor for day/night brightness detection
- Vandal resistant to withstand intentional damage
- Waterproof IP67 rated
- Up to 20,000 hours of IR LED lifespan



Dimensions



Specifications

Model	EMW330	EMW330T
Pickup Device	1/3" Sony Super HAD CCD	
Video Format	NTSC or PAL	
Scanning System	NTSC: 525 TVL, 60 fields/sec. PAL: 625 TVL, 50 fields/sec.	
Picture Format	768 x 494 (NTSC) / 752 x 582 (PAL)	
Horizontal Resolution	520 TVL	
Sensitivity	0.4 Lux/F=1.2 (IR Off), 0 Lux (IR On)	
S/N Ratio	Over 48 dB (AGC off)	
Electronic Shutter	1/50 (1/60) ~ 1/100,000	
Video Output	BNC 1.0Vp-p, 75 ohm	
Gamma Correction	0.45	
Lens Type	f=3.6 mm fixed lens	Vari-focal f=2.9~10mm or f=9~22 mm lens
Backlight Comp.	Yes	
Auto Gain Control	Yes	
Auto White Balance	Yes (2500K ~ 9000K)	
Sync. Mode	Internal Sync.	
Day/Night	IR Pass Filter	Auto IR Cut Filter
Day/Night Detection	Visible light sensor	
Built-in Heater	Yes	
IR LEDs	40 IR LEDs	
IR LED Lifespan	Up to 20,000 hours	
IR Distance	Up to 15 meters / 50 feet	
IR Wavelength	850 nm	
Viewing & IR Direction	Dual Position (end or side view option)	Single Position (side view only)
Waterproof	IP67 rated	
Vandal Resistant	Yes	
Power Source	12VDC	
Power Consumption	8.4W max. (Heater On & IR LED On)	
Dimensions (W x D x H)	105 x 140 x 64 mm / 4.1" x 5.5" x 2.5"	
Weight	600g / 1.32 lbs	
Operating Temp.	-40°C ~ 60°C / -40°F ~ 140°F	
Mounting Options	Side, rear, wall or ceiling mount	
Certifications	CE/FCC	

Ordering Information**

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for release date and availability**

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EMV1200 **NEW!**

Compact 12 Channel H.264 Mobile Digital Video Recorder



Features

- 12 channels of video and audio recording
- Recording Rate: 120 FPS @ D1 resolution / 240FPS @ 2CIF / 480 FPS @ CIF resolution (with global settings - record rate, resolution and quality can be set independently per-camera up to the maximum of 480 CIF-equivalent FPS)
- H.264 compression format for efficient disk and network utilization
- Front and rear panel video/audio outputs for easy connection and configuration
- Special Graphical User Interface design for use with mobile small-sized monitors
- Molex connectors for shock & vibration resistance; interface cables to BNC, RCA and power jacks supplied
- Alarm Inputs & Outputs: 12 & 2 (alarm outputs are form "C")
- Embedded 3-axis g-sensor function with separate programmable alarm levels for X/Y and Z axis
- Removable video storage hard disk; easy playback on PC (using EPR110C, sold separately)
- Supports single 2.5" SATA hard disk standard (up to 2TB)
- Supports multiple interfaces: 3xUSB, RS-485, RS-232, GPS port, wired Ethernet & IR Remote Control
- Optional wireless 802.11 a/b/g with diversity antennas¹
- Provides regulated 12VDC camera power for 12 cameras; interface cables to power jacks supplied
- Optional External EDGE/GPRS/CDMA/WI-FI Modules for cellular/specialized wireless Transmission
- GPS function tracks speed and geographic limits (optional external GPS receiver)
- Power Supply: 10V~36VDC with Surge Protection, Voltage Regulation, programmable Delay on/off
- Delay on protects equipment from starter motor power surges; delay off allows recording even after ignition has been turned off
- Temperature: -40°F~131°F (Operating), -40°F~185°F (Non-Operating)
- System warnings: System fail LED, HDD full, HDD/Sys Temp, Fan fail, HDD fail LED, HDD power off, HDD failure
- Email Alert: Multiple email notifications in response to alarms and events. (Requires real time network connectivity though cellular or WiFi service)
- Event Alarm: Fan failure, hard disk temperature, hard disk failure, hard disk full, hard disk removed, power loss (after power is restored), network loss, GPS loss, GPS speed, GPS fencing, G sensor limits
- Watchdog Function: Reboots DVR automatically if required

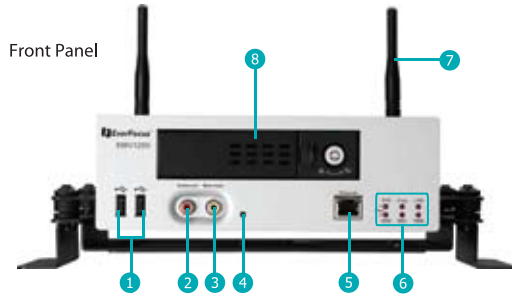
¹Available only with EMV1200W

Specifications

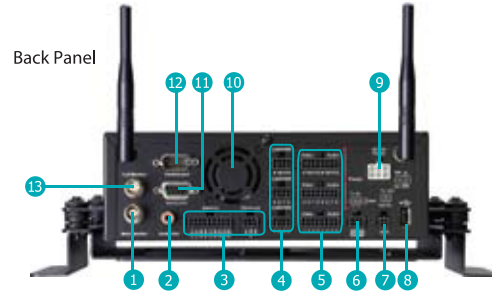
Video Format	NTSC/PAL (auto detected by system)
Operating System	Embedded Linux with special small monitor friendly GUI
Video Input	12 channels (vibration resistant locking Molex connectors – Interface cables to BNC-F supplied: 3x groups of 4 cameras each)
Video Output	Main monitor: 1 composite BNC (rear) / 1 RCA output, (front) Call Monitor: 1 composite BNC (rear)
Video Compression	H.264
Video Display	Full, 4/9/12, Sequence
Recording Resolutions	NTSC: 720x480/720x240/360x240 PAL: 720x576/720x288/360x288
Audio Inputs	12 line in (vibration resistant locking Molex connectors - Interface cables to RCA-F supplied: 3x groups of 4 cameras each)
Audio Outputs	1 front panel RCA line out, 1 rear panel RCA line out
Alarm Inputs	12 alarm inputs (vibration resistant locking Molex connectors - Interface cables supplied)
Alarm Outputs	2 alarm outputs (form "C"; contacts rated at 30V AC/DC @ 1 amp – interface cables supplied)
Storage	One 2.5" HDD (up to 2 TB)
Recording Rate	NTSC: D1 120 FPS, 2CIF 240 FPS, CIF 480 FPS (duplex) PAL: D1 100 FPS, 2CIF 200 FPS, CIF 400 FPS (duplex) (Per camera resolutions and record rates can be set individually per camera through the OSD menus up to the maximum record capacity of 480 NTSC (400 PAL) CIF equivalent FPS)
Recording Mode	Continuous recording, event recording, continuous + event recording (Rate and resolution in each mode set independently per camera)
Record Quality	Adjustable in five levels per camera per Record Mode
Pre Alarm Recording	Optional; 5 second interval
Playback Rate	NTSC: D1 120 FPS, 2CIF 240 FPS, CIF 480 FPS PAL: D1 100 FPS, 2CIF 200 FPS, CIF 400 FPS
Playback Search	Time/date, event search
Video Loss Detection	Yes
G Sensor	Embedded 3-axis G Sensor; data recorded; alarm if separate user limits for X/Y or Z axis exceeded
GPS Function	Optional External GPS Sensor for speed and geographic limit alarms (rectangular or circular fencing)
Configuration Method	On screen menu with 'portable monitor friendly' GUI
Control/Setup	IR remote control, USB mouse, network I/F
Real Time Clock	Can be synchronized to GPS/NTP time source; flexible DST settings
Networking	RJ45 socket, 10/100Mbps; 802.11b/g WiFi with diversity antennas ¹ TCP/IP/DHCP/PPPoE/DDNS/SMTP/SSL/POP3/HTTP/NTP
File Export	USB 2.0 interface
Interfaces	RS-232 x 2, RS-485, USB x 3, GPS port
Power Source	10V~36VDC (Built in surge protection, voltage regulation, programmable Delay On/Off relative to ignition or other switched voltage)
Power Consumption	6.5A max @ 12VDC supplying 4.8A to cameras
Camera Power Outputs	Total current 4.8 amps @ 12VDC (vibration resistant locking Molex connectors – interface cable provided to coaxial power plugs: 3 X groups of 4 cameras); 1.2A for camera 1~4 and 3.6A for camera 5~12
Dimensions (L x W x H)	260 x 210 x 70mm / 10.24" x 8.27" x 2.76" (w/out mount bracket) 313.5 x 260 x 97.8mm / 12.4" x 10.2" x 3.9" (w/mount bracket)
Weight	3.2 kg / 7.05 lbs. (w/out mount), 3.65 kg / 8.05 lbs (w/mount)
Operating Temp.	Working Temperature: -40°C ~55°C / -40°F~131°F Storage Temperature: -40°C ~ 85°C / -40°F ~ 185°F

Major Operating Controls - EMV1200W (WIFI option)

* Front & back panel controls may vary depending on models



- | | |
|----------------------|--|
| 1 USB 2.0 Port | 5 Ethernet Port |
| 2 Audio Out (RCA) | 6 System Warning LEDs |
| 3 Main Monitor (RCA) | 7 802.11 b/g WiFi Antenna |
| 4 Remote IR Sensor | 8 Hot Swap Hard Drive (with Enable/Lock) |

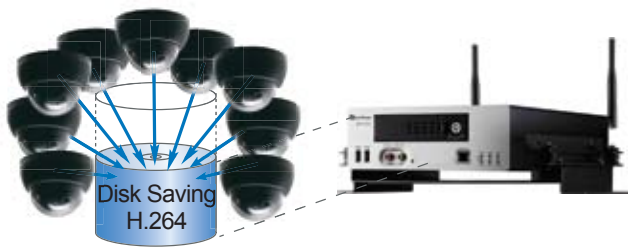


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|-------------------------------|-----------------------------|---|
| 1 Main Monitor Out (BNC) | 5 Video & Audio Inputs (12) | 9 Power/Ignition Control In/ Switched Power Out |
| 2 Audio Out (RCA) | 6 RS-232/RS-485 | 10 Fan |
| 3 Alarm In/Out (12 In, 2 Out) | 7 GPS Data Input | 11 Serial Port |
| 4 Camera Power Outputs (12) | 8 USB 2.0 Port | 12 Control Port |
| | | 13 Call Monitor Out |

Advantages

Full Comprehensive Features with H.264

The EMV1200 12 channel mobile DVR offers H.264 compression technology for enhanced recording capacity and improved network image transmission speed with high image quality. This DVR delivers real-time video and audio recording on all 12 channels (120 FPS @ D1 resolution) frame rate and resolution independently configurable for each camera.



Ideal for Any Mobile Application

The EMV1200 offers Molex connectors for shock & vibration resistance (interface cables to BNC, RCA and power jacks supplied). The included power supply provides surge protection, voltage regulation, and programmable delay power on/off for the DVR and the system cameras. In addition, the EMV1200 features 1 hot swap hard drive, a embedded 3-axis g-sensor, GPS receiver interface, optional 802.11b/g WiFi, individual camera power outputs, and remote control capability.



Multiple Interfaces

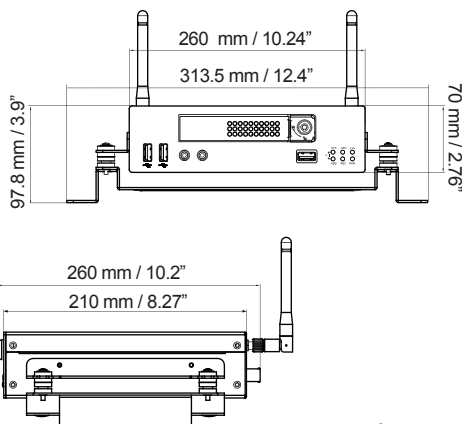
The DVR provides multiple interfaces including 3 USB ports, RS-485, RS-232, GPS port, wired and optional WiFi Ethernet, IR remote control, 12 alarm inputs and 2 alarm outputs. Video outputs are provided at both front and rear panels for ease of installation and maintenance, plus the new easy-to-read Graphical User Interface is specially designed for use with portable small-screen monitors.

Convenient Monitoring with Web-Viewer

The EMV1200 has a built-in web server that enables users to monitor live and playback DVR images through a web browser from any supported PC, without a special software (requires connectivity through cellular or LAN network).



Dimensions



(Unit: mm/inch)

Ordering Information**

- **EMV1200:** 12 Ch. Mobile H.264 Compact DVR, 120 FPS
- **EMV1200W:** 12 Ch. Mobile H.264 Compact DVR, 120 FPS, WIFI

**** Check with your EverFocus sales rep for release date and availability**

* Models vary in different countries. Visit www.everfocus.com and select your country for accurate ordering information

EMV400 **NEW!**

Compact 4 Channel H.264 Mobile Digital Video Recorder



Features

- 4 channels of video and audio recording
- 1-DIN car audio size
- Recording Rate: 60 FPS @ D1 resolution / 120 FPS @ 2CIF / 120 FPS @ CIF resolution (with global settings; record rate, resolution and quality can be set independently per camera up to the maximum of 240 CIF-equivalent FPS)
- H.264 compression format for efficient disk and network utilization
- Front and rear panel video outputs for easy connection and configuration
- Special Graphical User Interface design for use with mobile small-sized monitors
- Molex connectors for shock & vibration resistance; interface cables to BNC, RCA and power jacks supplied
- Alarm Inputs & Outputs: 6 & 2 (alarm outputs are form "C")
- Embedded 3-axis G-Sensor function with separate programmable alarm levels for X/Y and Z axis
- Supports single 2.5" SATA hard disk standard (up to 1TB)
- Supports multiple interfaces: 3xUSB, RS-485, RS-232, GPS port, wired Ethernet, IR Remote Control
- Optional wireless 802.11 b/g with diversity antennas¹
- Provides camera power for 4 cameras; interface cables to power jacks supplied
- Optional External EDGE/GPRS/CDMA/WI-FI Modules for cellular/specialized wireless Transmission
- GPS function tracks speed and geographic limits (optional external GPS receiver)
- Power Supply : 10V~36VDC with Surge Protection, Voltage Regulator, programmable Delay on/off
- Temperature: -40°F~131°F (Operating), -4°F ~ 185°F (Non-Operating)
- System warnings: System fail LED, HDD full, HDD/Sys Temp, Fan fail, HDD fail LED, HDD power off, HDD failure
- Email Alert: Multiple email notifications in response to alarms and events. (Requires real time network connectivity though cellular or WiFi service)
- Event Alarm: Fan failure, hard disk temperature, hard disk failure, hard disk full, hard disk removed, power loss (after power is restored), network loss, GPS loss, GPS speed, GPS fencing, G sensor limits
- Watchdog Function: Reboots DVR automatically if required

¹ WIFI on EMV400W model only

Specifications

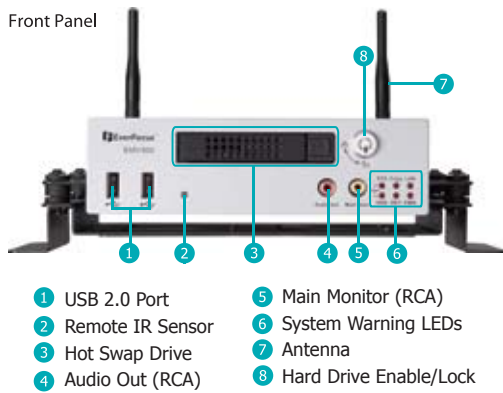
Video Format	NTSC/PAL (auto detected by system)
Operating System	Embedded Linux with special small monitor friendly GUI
Video Input	4 channels (vibration resistant locking Molex connectors – Interface cables to BNC-F supplied: two groups of 2 cameras each)
Video Output	Main monitor: 1 composite BNC rear panel / 1 front panel RCA output
Video Compression	H.264
Recording Resolutions	NTSC: 720x480/720x240/360x240 PAL: 720x576/720x288/360x288
Audio Inputs	4 line in (vibration resistant locking Molex connectors - Interface cables to RCA-F supplied: two groups of 2 cameras each)
Audio Outputs	1 front panel RCA line out
Alarm Inputs	6 alarm inputs (vibration resistant locking Molex connectors - Interface cables supplied)
Alarm Outputs	2 alarm outputs (form "C"; contacts rated at 30V AC/DC @ 1 amp – interface cables supplied)
Storage	2.5" HDD x 1 (up to 1TB)
Recording Rate	NTSC: D1 60FPS, 2CIF 120FPS, CIF 120 FPS PAL: D1 50 FPS, 2CIF 100 FPS, CIF 100 FPS (Per camera resolutions and record rates can be set individually per camera through the OSD menus up to the maximum record capacity of 240 NTSC (200 PAL) CIF equivalent FPS)
Recording Mode	Continuous recording, event recording, continuous + event recording (Rate and resolution in each mode set independently per camera)
Record Quality	Adjustable in five levels per camera per Record Mode
Pre Alarm Recording	Optional; 5 second interval
Playback Rate	NTSC: D1 60 FPS, 2CIF 120 FPS, CIF 120 FPS PAL: D1 50 FPS, 2CIF 100 FPS, CIF 100 FPS
Playback Search	Time/date, event search
Video Loss Detection	Yes
G Sensor	Embedded 3-axis G Sensor; data recorded; alarm if separate user limits for X/Y or Z axis exceeded
GPS Function	Optional External GPS Sensor for speed and geographic limit alarms (rectangular or circular fencing)
Configuration Method	On screen menu with 'portable monitor friendly' GUI
Control/Setup	IR remote control, USB mouse, network I/F
Real Time Clock	Can be synchronized to GPS/NTP time source; flexible DST settings
Networking	RJ45 socket, 10/100Mbps; 802.11b/g WiFi with diversity antennas ¹ TCP-IP/DHCP/PPPoE/DDNS/SMTP/SSL/POP3/HTTP/NTTP
File Export	USB 2.0 interface
Interfaces	RS-232 x 2, RS-485, USB x 3, GPS port
Power Source	10V~36VDC (Built in surge protection, voltage regulation, programmable Delay On/Off relative to ignition or other switched voltage)
Power Consumption	5.5A max @ 12VDC supplying 1.8A to cameras
Camera Power	900mA for camera 1~2 and 900mA for camera 3~4.
Outputs	Vibration resistant locking Molex connectors – interface cable provided to coaxial power plugs: 2 X groups of 2 cameras.
Dimensions (L x W x H)	199 x 178 x 50 mm / 7.8" x 7" x 2" (1-DIN size) 272 x 224 x 145 mm / 10.7" x 8.8" x 5.7" (W/mount & antennas)
Weight	1.7kg / 3.75 lbs. (w/out mount), 2.15 kg / 4.74 lbs (w/mount)
Operating Temp.	Working Temperature: -40°C ~55°C / -40°F~131°F Storage Temperature: -20°C ~ 85°C / -4°F ~ 185°F

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Major Operating Controls - EMV400W (WIFI option)

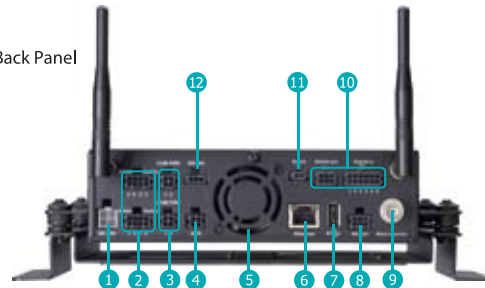
* Front & back panel controls may vary depending on models

Front Panel



- | | |
|--------------------|--------------------------|
| 1 USB 2.0 Port | 5 Main Monitor (RCA) |
| 2 Remote IR Sensor | 6 System Warning LEDs |
| 3 Hot Swap Drive | 7 Antenna |
| 4 Audio Out (RCA) | 8 Hard Drive Enable/Lock |

Back Panel

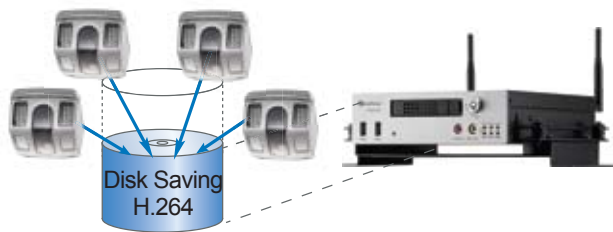


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|--------------------|--------------------|------------------------------|
| 1 Main Power In | 5 Fan | 9 Main Monitor Out (BNC) |
| 2 Video & Audio In | 6 Ethernet Port | 10 Alarm In/Out (6 In/2 Out) |
| 3 Camera Power In | 7 USB 2.0 Port | 11 Event Input (future use) |
| 4 GPS Port | 8 RS-232 Connector | 12 RS-485 Connector |

Advantages

Full Comprehensive Features with H.264

The EMV400 4 channel mobile DVR offers H.264 compression technology for enhanced recording capacity and improved network image transmission speed with high image quality. This DVR delivers real-time video and audio recoding on all 4 channels (120FPS @ 2CIF/60FPS @ D1 resolutions) with frame rate and resolution independently configurable for each camera.



Ideal for Any Mobile Application

The EMV400 offers Molex connectors for shock & vibration resistance (interface cables to BNC, RCA and power jacks supplied) The included power supply provides surge protection, voltage regulation, and programmable delay power on/off for the DVR and the system cameras. In addition, the EMV400 features 1 hot swap hard drive, a embedded 3-axis g-sensor, GPS receiver interface, 802.11b/g WiFi (EMV400M model only), individual camera power outputs, and remote control capability.



Multiple Interfaces

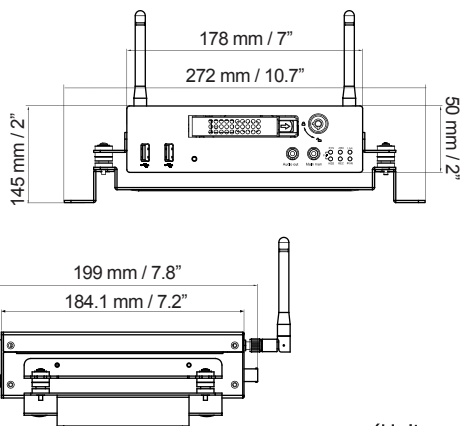
The DVR provides multiple interfaces including 3 USB ports, RS-485, RS-232, GPS port, wired and WiFi (EMV400W model only) Ethernet, IR remote control, 6 alarm inputs and 2 alarm outputs. Video outputs are provided at both front and rear panels for ease of installation and maintenance, plus the new easy to read Graphical User Interface is specially designed for use with portable small-screen monitors.

Convenient Monitoring with Web-Viewer

The EMV400 has a built-in web server that enables users to monitor live and playback DVR images through a web browser from any supported PC, without a special software (requires connectivity through cellular or LAN network).



Dimensions



(Unit: mm/inch)

Ordering Information

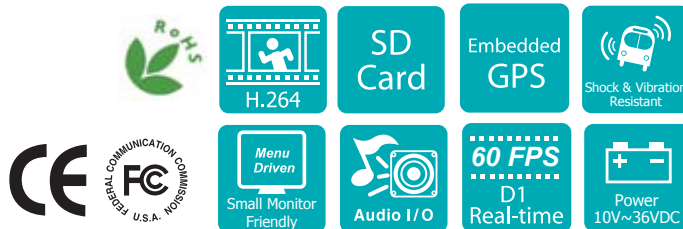
- **EMV400:** 4 Ch. Mobile H.264 Compact DVR, 1-DIN, 60 FPS
- **EMV400W:** 4 Ch. Mobile H.264 Compact DVR, 1-DIN, 60 FPS, WIFI

**** Check with your EverFocus sales rep for release date and availability**

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EMV200 **NEW!**

Ultra Compact 2 Channel H.264 Portable/Mobile DVR with Built-in GPS



Features

- 2 channels of real time D1 video and audio recording
- Built-in GPS module tracks speed, location and geographic limits
- Ultra compact size (300 g / 0.67 lbs, 117 x 63 x 38.4 mm / 4.6" x 2.5" x 1.5") for easy installation
- Recording Rate: up to 30 FPS per channel at D1 resolution
- H.264 compression format for efficient storage and network utilization
- Special Graphical User Interface design for use with small-sized mobile/portable monitors
- Molex connectors for shock & vibration resistance; interface cables to BNC, RCA and power jacks supplied
- Alarm Inputs & Outputs: 2 & 1 (alarm output is form "C")
- Plug-and-play recording on completely shock proof SD card with security cover (up to 64GB)
- Swap out SD recording media, or export video through convenient USB port
- USB port supports a mouse for easy setup, programming, playback and export
- Supports multiple interfaces: USB 2.0, RS-232, wired Ethernet, IR Remote Control
- Optional External EDGE/GPRS/CDMA/WI-FI Modules for cellular/specialized wireless Transmission
- Event Alarm: SD card error, SD card temperature, SD card Full, SD card Off, Power Loss, Network Loss, GPS loss, GPS speed, GPS fencing
- Email Alert: Multiple email notifications in response to alarms and events (requires real time network connectivity though cellular device)
- Power Supply: 10V~36VDC with Surge Protection, Voltage Regulation, camera power, programmable Delay ON/OFF for flexible control
- Temperature range: -14°F~131°F Operating, -40°F ~ 185°F (Non-Operating)

Ordering Information**

**** Check with your EverFocus sales rep for release date and availability**

Specifications

Video Format	NTSC/PAL (auto detected by system)
Operating System	Embedded Linux
Video Input	2 channels (vibration resistant locking Molex connectors – Interface cables to BNC-F provided)
Video Output	Main monitor: 1 composite BNC output (vibration resistant locking Molex connectors – Interface cables to BNC-F provided)
Video Compression	H.264
Recording Rate/Resolutions (Rate and resolution set independently per camera)	NTSC: 720x480, 720x240, 360x240 PAL: 720x576, 720x288, 360x288 Up to NTSC: 60 FPS, PAL: 50 FPS at all resolutions (D1, 2 CIF, CIF)
Audio Inputs	2 line in (vibration resistant locking Molex connectors - Interface cables to RCA-F provided)
Audio Outputs	1 RCA line out (vibration resistant locking Molex connectors - Interface cables to RCA-F provided)
Alarm Inputs	2 alarm inputs (vibration resistant locking Molex connectors - Interface cables supplied)
Alarm Outputs	1 alarm output SPDT/Form "C" (vibration resistant locking Molex connectors - Interface cables supplied)
Recording Storage	1 SD card storage card Up to 64Gb with tamper resistant retention cover
Recording Mode (Rate and resolution set independently per camera)	Continuous recording, event recording, continuous + event recording
Record Quality	Adjustable in five levels per camera per Record Mode
Pre Alarm Recording	Optional, 5 second interval
Playback Rate	Up to NTSC: D1 60 FPS, PAL: D1 50 FPS
Playback Search	Time/date, event search
Video Loss Detection	Yes
GPS Function	Embedded GPS Sensor for speed and geographic limit alarms (rectangular or circular fencing)
Configuration Method	On screen menu with 'portable monitor friendly' graphical user interface
Control/Setup	IR remote control, USB mouse, network I/F
Real Time Clock	Can be synchronized to GPS/NTP time source; flexible DST settings
Watchdog Function	Reboots DVR automatically if required
Networking	RJ45 socket, 10/100Mbps TCP-IP/DHCP/PPPoE/DDNS/SMTP/SSL/POP3/HTTP/NTP
Interface	RS-232, USB 2.0
Power Source	13.8VDC nominal; 10V~36VDC range (Built in surge protection, voltage regulation, programmable Delay On/Off relative to ignition or other switched voltage)
Dimensions (L x W x H)	117 x 63 x 38.4 mm / 4.6" x 2.5" x 1.5"
Weight	300g / 0.66 lbs.
Operating Temp.	Working Temperature: -10°C~55°C / -14°F~131°F Storage Temperature: -40°C~85°C / -40°F ~ 185°F

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