# EMV800

## 8 Channel Mobile DVR

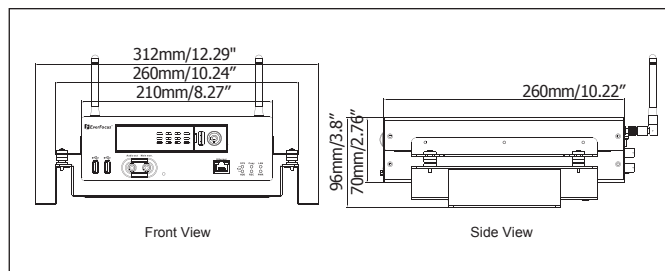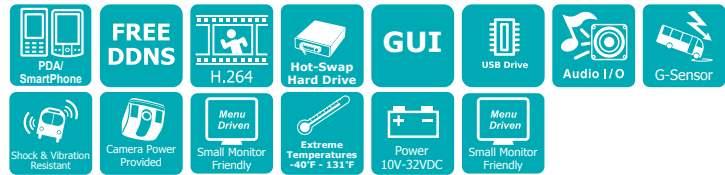| | | | | | | |
|---|---|---|---|---|---|---|
| PDA/SmartPhone | FREE DDNS | H.264 | Hot-Swap Hard Drive | GUI | USB Drive | Audio I/O / G-Sensor |
| Shock & Vibration Resistant | Camera Power Provided | Menu Driven / Small Monitor Friendly | Extreme Temperatures -40°F - 131°F | Power 10V-32VDC | Menu Driven / Small Monitor Friendly | |

## Features

- Free MobileFocus Mobile Device Monitoring App: iPhone/Android/Blackberry

- Online Web interface: Allows 10-users to simultaneously view online from a browser

- Real time recording and playback for each camera at 4CIF

- Independent Channel Controls: Frame Rate/Resolution/Record Quality

- Recording resolution can be changed at different times of the day via scheduling

- 10 different administration levels to restrict or allow access to DVR controls (DVR/Online Interface)

- FREE DDNS Service Hosted by EverFocus for EASY Networking Options

- Easy to Use Graphical Interface controled by the front panel, USB mouse (included), IR remote controller (included), EKB500 Control Keyboard (sold separately)

- Call Monitor: single mode

- Main Monitor: Choice of BNC or RCA

- 8-Audio Inputs, 1-Audio Outputs

- H.264 Compression for efficient disk and network utilization

- Dual Stream Controls: Record at a higher resolution but view at a lower resolution online/mobile device for faster viewing

- 2x & 4x Live/Playback Zoom

- Optional external GPS Sensor for speed and geographic limit alarms (rectangular or circular fencing)

- Embedded 3-axis G Sensor; data recorded; alarm if separate user limits X/Y or Z axis exceeded

- Optional External EDGE/GPRS/DCMA/WiFi modules for cellular/specialized wireless transmission

## Specifications

| | |
|---|---|
| **Channels** | 8 |
| **All CIF (NTSC / PAL)** | 240/200 |
| **All 2 CIF (NTSC / PAL)** | 240/200 |
| **All D1 (NTSC / PAL)** | 240/200 |
| **Camera Inputs** | 8 (vibration resistant locking Molex connectors-Interface cables to BNC-F supplied: 2X groups of 4 inputs each |
| **Video Outputs** | BNC rear panel or RCA front panel |
| **Call Monitor** | BNC single channel |
| **USB** | 2.0 interface |
| **Hot-Swappable Bays** | Yes |
| **Hard Drive Support** | 1 hot-swap 3.5" HDD (up to 1TB) |
| **Hard Drive Max** | 1TB |
| **Network Protocol** | RJ45 socket, 10/100Mbps; 802.1 b/g WiFi with diversity antennas* TCP-IP/DHCP/PPPoE/DDNS/SMTP/SSL/POP3/HTTP/NTP |
| **Audio Input** | 8 line in (vibration resistant locking Molex connectors-Interface cables to RCA-F supplied: 2 groups of 4 inputs each) |
| **Audio Output** | 1 front panel RCA line out, 1 rear panel RCA line out |
| **RS-232** | Yes vibration resistant locking Molex terminal connector |
| **RS-485** | Yes vibration resistant locking Molex terminal connector |
| **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 |
| **Dual LIve Web Interface Streaming (Main/Sub)** | No |
| **Sub Stream Option (H.264/MJPEG)** | Yes |
| **Playback Search** | Time/date, Event, GPS, G-Sensor |
| **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** | 8 Alarm Inputs |
| **Alarm-Out** | 2 alarm outputs (form "C"; contacts rated at 30V AC/DC @ 1 amp- interface cables supplied) |
| **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) |
| **Power Delay On/Off (mobile)** | Yes |
| **Power Source** | 10V-32VDC input (vibration resistant locking Molex connectors) |
| **Temp (F I C)** | -40°F~131°F operating/ -40°F~185°F non operating I -40°C~55°C operating/-40°C~85°C non operating |
| **Dimensions (in I mm)** | 10.24" x 8.27" x 2.76" I 260 x 210 x 70mm |

## Dimensions: mm/in

312mm/12.29"
260mm/10.24"
210mm/8.27"

260mm/10.22"

96mm/3.8"
70mm/2.76"

Front View          Side View

RoHS  CE  FCC

## Ordering Info

**EMV800/500:** 8 Ch., 500 GB, Hot Swap
**EMV800W/500:** 8 Ch., 500 GB, Hot Swap, Wireless