Mobile Digital Video Recorders *(sidebar)*

EMV200S/EMV400S

Ultra Compact 2/4 Channels H.264
Portable/Mobile DVR with Built-in G sensor

NEW

Support 10V~32VDC | Shock & Vibration resistant | H.264 Compression | SD Card | Working Temperature -10°C~55°C | Menu Driven User Interface

120IPS D1 Real-time | Compact Size | Support various interfaces | Audio I/O | G Sensor

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Features

- 2/4 Channels of real-time D1 video and audio recording
- Embedded 3-axis G sensor; data recorded; alarm if separate user limits for X/Y or Z axis exceeded
- Support extendable GPS module tracks speed, location and geographic limits
- Ultra compact size for easy installation
- Recording Rate: up to 30/25fps per channel @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
- D-sub/Terminal Block connectors for shock & vibration resistance; interface cables to BNC, RCA and power jacks supplied
- Alarm Inputs & Outputs: 2/4 & 1 (alarm output is form "C")
- Plug-and-play recording on completely shock proof SD/SDHC/SDXC card (up to 64GB) with security cover
- Swap out SD recording media, or export video through convenient USB port
- USB port supports a mouse for easy setup/ programming/playback/export
- Supports multiple interfaces: USB 2.0, RS-232, wired Ethernet, IR Remote Control
- Power Supply: 10V~32VDC with surge protection, voltage Regulation, programmable delay On/Off for flexible control
- Temperature range: -10ºC~55ºC / 14ºF~131ºF (Operating), -40ºC~85ºC / -40ºF~185ºF (Non-Operating)

Specifications

Model Name	EMV400S - 4CH Mobile DVR	EMV200S - 2CH Mobile DVR
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 D-Sub connectors – Interface cables to BNC-F provided)	2 channels (vibration resistant locking D-Sub connectors – Interface cables to BNC-F provided)
Video Output	Main monitor: 1 composite 1 Vp-p (vibration resistant locking D-Sub connectors – Interface cables to BNC-F provided)	
Video Compression	H.264	
Recording Resolutions	NTSC:704x480 / 704x240 / 352x240 PAL:704x576 / 704x288 / 352x288 (Rate and resolution set independently per camera)	
Audio Inputs	4 line in (vibration resistant locking D-Sub connectors - Interface cables to RCA-F provided)	2 line in (vibration resistant locking D-Sub connectors - Interface cables to RCA-F provided)
Audio Outputs	1 line out (vibration resistant D-Sub block connectors - Interface cables to RCA-F provided)	
Alarm Inputs	4 alarm inputs (vibration resistant locking terminal block connectors - Interface cables supplied)	2 alarm inputs (vibration resistant locking terminal block connectors - Interface cables supplied)
Alarm Outputs	1 alarm relay output SPDT/Form "C" (vibration resistant locking terminal block connectors - Interface cables supplied)	
Recording Storage	1 SD/SDHC/SDXC card storage card up to 64GB with tamper resistant retention cover	
Recording Rate	NTSC: D1 120fps, 2CIF 240fps, CIF 480fps PAL: D1 100fps, 2CIF 200fps, CIF 400fps (Rate ang resolution est independenyly per camera)	
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	Up to NTSC: D1 120fps, PAL: D1 100fps	
Playback Search	Time/Date, event search	
Video Loss Detection	Yes	
Event Alarm	SD/SDHC/SDXC card error, card temperature, card Full, card missing, 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)	
G Sensor	Embedded 3-Axis G Sensor; data recorded; alarm if separate user limits for X/Y or Z axis exceeded	
GPS Function	External GPS receiver module 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, Terminal Block, USB 2.0	
Power Source	13.8/27.6VDC nominal; 10V~32VDC range (Built in surge protection, voltage regulation, programmable delay On/Off relative to ignition or other switched voltage)	
Operating Temperature	Working Temperature: -10ºC~55ºC / 14 ºF ~131 ºF Storage Temperature: -40ºC~85ºC / -40 ºF~185 ºF	
Dimensions (W x H x D)	131 x 38.4 x 153mm/5.15" x 1.5" x 6.02"	
Weight	600g/1.32lbs	
Certificates	CE, FCC	

* All product specifications are subject to change without notice

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