

# SE-M MOBILE DIGITAL VIDEO RECORDER



## Live CCTV on the Move

An integrated Digital Video Recorder & Gateway that simultaneously supports video, through 2/2.5/3G cellular networks, providing high quality live video streaming to control centers, mobile phones, PDAs and PCs

The SE-M provides:

- 4 video channels
- Video transmission and recording with 15fps per each of 4 channels or 30 fps per each of 2 channels
- Simultaneous video recording and playback on all channels
- Records 40MB per hour (1GB per day) per camera in continuous recording mode (recorder's capacity limited only by the size of the hard drive)
- Event driven recording, including pre and post alarm
- SMS and e-mail driven notifications
- Removable hard disk
- Video transmission over GSM/GPRS/EDGE/UMTS and CDMA/CDMA2000-1xRTT/EV-DO and WIFI
- Built-in GPS module (optional)
- Remote PTZ camera control
- Built-in VMD (Video Motion Detector) with adjustable sensitivity and areas of interest
- 6 input sensors (Dry contacts), Two alarm activators
- Fanless case
- Power extensions to supply power to external devices (cameras, sensors, etc.)
- High shock & vibration resistant
- Power consumption: 18W
- Video monitoring:
  - Using PCs over any wired connection and wireless networks
  - Using mobile terminals like cell phones and PDAs, over all available cellular and wireless networks



# SE-M MOBILE DIGITAL VIDEO RECORDER

<b>SE-M SERIES TECHNICAL SPECIFICATION</b>	
<b>MODEL</b>	<b>SE-M</b>
<b>VIDEO INPUT</b>	
Standard	PAL/NTSC/SECAM composite video (BNC connector)
Video channels	4
Resolution	Double resolution: 320x240 (SIF) or 160x120 (QSIF)
Compression	MPEG - 4 based
Compressed data rates	9 kbps to 1 Mbps, user configurable
PTZ control	2 ports; 1 RS-232, 1 RS-232/RS-485
PTZ protocol	Most common protocols
<b>COMMUNICATION</b>	
Network connectivity	Cable/xDSL modem using built-in 10/100 Base-T Ethernet PCMCIA slot for cellular/wireless modems Optional: PSTN (phone) modem
Administration	Web based (using built-in web server)
IP assignment	Dynamic (DHCP) / static / zeroconf
<b>GPS</b>	
GPS	Internal GPS module
<b>RECORDING</b>	
Mode	Continuous (24/7)
HD type	IDE interface based, removable
HD size	40GB, up to 120GB (optional)
<b>EVENT HANDLING</b>	
Event type	External sensor input, video motion detection, video loss
Action type	Relay activation, local recording, host notification, SMS email notification
Video Motion Detection	Sensitivity levels, areas of interest
<b>I/O</b>	
Input channels (sensors)	6 Opto-isolated inputs
Output channels (activators)	2 Opto-isolated transistor driven external relays
<b>POWER</b>	
Voltage input	12/24V DC
Ignition Input	12/24V DC - Automatic system power with ignition
Voltage output	Provides 12V DC / 300mA for cameras
Max. power consumption	18W
<b>OPERATING ENVIRONMENT</b>	
Ambient temperature	0<C - 50<C; 32<F - 122<F
Relative humidity	< 85%
<b>MECHANICAL DESIGN</b>	
Dimension	249(W) x 267(D) x 60(H) mm; 9.8"(W) x 10.51"(D) x 2.36"(H)
Weight	3 (kg); 6.614 (lbs)
<b>CERTIFICATION</b>	
Certification	CE, FCC, UL
Shock resistance	EN 50155