

## EV-XVR

### EV-XVR4 / EV-XVR8 / EV-XVR16



**Fully**•High-featured decoding capability **XVR** for full HD viewing and recording.

- View up to 16 channels simultaneously on your monitor with 4 MP full frame rate preview.
- Record all channels @ 4 MP full frame rate.
- H.264 dual-stream video compression.
- Each channel supports HQA/analogue video input; up to 8 additional channels support IP video input.
- Simultaneous HDMI/VGA video output.
- Smart Search and Smart Face Detection (1Ch supported per XVR)

#### Easy to Use

- The Quick wizard and plug-and-play (like traditional XVR and analogue cameras) make setup fast and easy.
- Physical installation within minutes with the help of a comprehensive and easy-to-understand quick installation guide.

#### Convenient, Flexible Storage Options

- Internal storage: 4-Channel XVRs available with 1 or 2 TB storage (1 HDD). 8-Channel XVRs available with 2 or 4 TB storage (2 HDDs). 16-Channel XVRs available with 2, 4, 6 or 12 TB storage (2 HDDs). All DVRs are also available without HDD on board.
- Store videos and snapshots to external storage such as the client's PC, through the Internet.
- Store videos and snapshots to an external network storage server such as an FTP site.
- Store videos and snapshots to a USB storage device.

#### Dynamic, Accessible Monitoring

- Monitor from anywhere using the mobile apps for iOS and Android devices.
- All channels support synchronous playback and smart search (search for video that was recorded because motion was detected in a selected area).

#### Safety Features

- Configurable motion detection and camera tamper detection settings, including configurable- event notifications, such as automatic emails (with attached video or snapshot) and automatic alerts (such as buzzers).

## SPECIFICATIONS

SYSTEM	
<b>MAIN PROCESSOR</b>	Embedded processor
<b>OPERATING SYSTEM</b>	Embedded Linux
VIDEO	
<b>INPUTS</b>	4-channel DVRs: 4 Channels HQA; 2 Channels IP 8-channel DVRs: 8 Channels HQA; 4 Channels IP 16-channel DVRs: 16 Channels HQA; 8 Channels IP
<b>HQA STANDARD</b>	4 MP HQA Up-the-Coax control supported
<b>ANALOGUE STANDARD</b>	NTSC/PAL: CVBS, including 960H
AUDIO	
<b>AUDIO INPUT/OUTPUT</b>	1/1
<b>TWO-WAY COMMUNICATION</b>	1 channel input/1 channel output, RCA
DISPLAY	
<b>INTERFACE</b>	1 HDMI (up to 3840 x 2160); 1 VGA
<b>RESOLUTION</b>	3840 x 2160, 2560 x 1440, 1920 x 1080; 1280 x 1024; 1280 x 720; 1024 x 768
<b>DISPLAY SPLIT</b>	4-channel DVRs: 1/4/6 8-channel DVRs: 1/4/8/9/16 16-channel DVRs: 1/4/8/9/16/25
<b>OSD</b>	Camera title; Time; Video loss; Camera lock; Motion detection; Recording
RECORDING	
<b>COMPRESSION</b>	H.264+ / H.264
<b>RESOLUTION</b>	4 MP (2560 x 1440); 1080p (1920 x 1080); 720p (1280 x 720); 960H (960 x 576/960 x 480); D1 (704 x 576 / 704 x 480); HD1 (352 x 576/ 352 x 480); BCIF (704 x 288/704 x 240); CIF (352 x 288/ 352 x 240); QCIF (176 x 144; 176 x 120)
<b>MAIN STREAM RECORDING RATE</b>	1 – 15 fps (4 MP); 1 – 25/30 fps (1080p/720p/960H/D1/HD1/BCIF/CIF/QCIF)
<b>SECONDARY STREAM RECORDING RATE</b>	1 – 15 fps (D1/CIF/QCIF)
<b>BIT RATE*</b>	8 to 6144 Kbps
<b>RECORDING MODE</b>	Auto (Regular, Motion Detection, Video Loss, Tampering, Alarm, Intelligence); Manual; Stop
<b>RECORDING INTERVAL</b>	1 to 60 minutes (default: 60 minutes)
<b>PRE-RECORDING INTERVAL</b>	1 to 30 seconds
<b>POST-RECORDING INTERVAL</b>	10 to 300 seconds
VIDEO DETECTION AND ALARMS	
<b>TRIGGER EVENTS</b>	Recording; PTZ; Tour; Email; FTP; Spot; Buzzer; Screen Tips
<b>VIDEO DETECTION</b>	Motion Detection; Video Loss; Video Tampering, Diagnosis
PLAYBACK AND BACKUP	
<b>SYNC PLAYBACK</b>	4-channel DVRs: 1/4 8-/16-channel DVRs: 1/4/9/16
<b>SEARCH MODE</b>	Time/Date; Alarm; Motion Detection; Exact Search (accurate to a second); Intelligence; Smart Search
<b>PLAYBACK FUNCTION</b>	Play; Pause; Stop; Rewind; Fast play; Slow play; Next File; Previous File; Next Camera; Previous Camera; Full Screen; Repeat; Shuffle; Backup selection; Digital Zoom
<b>SUPPORTED LANGUAGES</b>	English, French, Italian, Spanish, Portuguese, German, Dutch, Czech, Polish, Dutch, Russian, Turkish
<b>BACKUP MODE COMPATIBILITY</b>	USB device; network

NETWORK	
<b>ETHERNET</b>	1 x RJ-45 port (1000 Mbps)
<b>NETWORK FUNCTION**</b>	HTTP; TCP/IP; IPv4/IPv6; UPnP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP filter; PPPoE; DDNS; FTP; IP Search
<b>MAXIMUM NUMBER OF USERS</b>	128 users
<b>MOBILE DEVICE COMPATIBILITY</b>	iPhone; iPad; Android (phone and tablet)
STORAGE	
<b>INTERNAL STORAGE</b>	4-channel DVRs: 1 SATA port; up to 8 TB 8-/16-channel DVRs: 2 SATA ports; up to 16 TB
AUXILIARY INTERFACE	
<b>USB</b>	2 ports: 1 USB 2.0; 1 USB 3.0
<b>RS232</b>	1 port, for PC communication and keyboard
<b>RS485</b>	1 port, for PTZ control
ELECTRICAL	
<b>POWER SUPPLY</b>	4-channel DVRs: 12 V DC, 2 A 8-channel DVRs: 12 V DC, 4 A 16-channel DVRs: 12 V DC, 5 A
<b>POWER CONSUMPTION</b>	15 W (without HDD)
ENVIRONMENTAL	
<b>OPERATING TEMPERATURE</b>	-10°C to 55°C (14°F to 131°F)
<b>STORAGE TEMPERATURE</b>	-10°C to 55°C (14°F to 131°F)
<b>HUMIDITY</b>	0% to 90%
PHYSICAL	
<b>DIMENSIONS</b>	4-channel DVRs: 325 x 245 x 55 mm (12.8 x 9.7 x 2.2 in.) 8-/16-channel DVRs: 375 x 277 x 53 mm (14.8 x 10.9 x 2.1 in.)
<b>WEIGHT (WITHOUT HDD)</b>	4-channel DVRs: 1.55 kg (3.3 lb) 8-/16-channel DVRs: 2.35 kg (5.2 lb)

\* Actual bit rate is scene and motion dependent with H.264 stream.

\*\* Some development might be required in specific user cases to support some of these protocols in the field as naturally protocols will mature over time.