

Embedded Digital Video Recorder

4/8/16 Camera Systems, Linux OS Standalone DVR, Enterprise Level



Back of EDVR System

System Features

- ◆ Remote Pentaplex Operation: Live/ Recording/ Playback/ Backup/ Remote Network viewing at the same time
- ◆ Selectable single or multichannel view for live playback
- ◆ 240 fps recording (8 & 16 channel) and 120 fps recording (4 channel)
- ◆ Enhanced MPEG-4: Average frame size - 1~2.5KB
- ◆ Various Interface: Key pad/ Handheld controller/ USB Mouse
- ◆ VGA Video Output/ Up to 3 user defined spot monitor outputs
- ◆ Various Backup Devices: Built-in CD-RW/ Two USB ports/ Remote Backup over network connection
- ◆ Multi-site Client Software: 64ch SMS (Server Management Software)
- ◆ eMapping on SMS
- ◆ Fast Networking, user friendly PC-Based Remote software
- ◆ NTSC/ PAL auto-detectable

Remote Access

You can connect to multiple sites, and each site can be connected to multiple users at the same time.

User-Friendly Operation

Settings and menus are designed for non-expert users, so anybody can navigate the whole system without spending days learning how to operate it.

Multiple Picture Qualities and Resolutions

Configurations are so flexible, you can set each camera individually for resolution (up to 640x480), compression (including MPEG4), frame rate and recording events.

Scheduled Video Recording

Flexible setup parameters allow users to record continuously or to customize recording based on individual cameras schedules, motion, and sensor input.

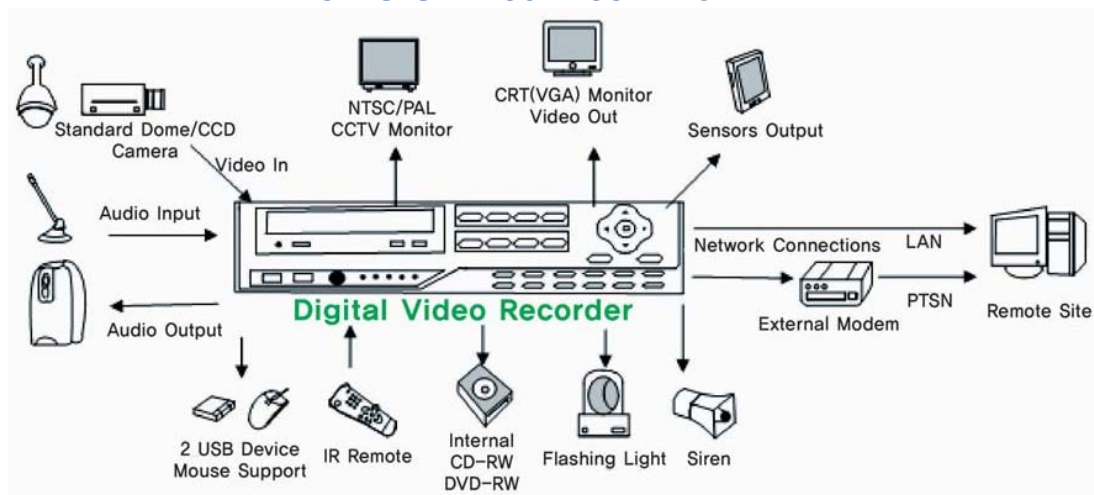
Pan/Tilt/Zoom

Control multiple PTZ camera formats, locally and from a remote location.

Audio

System offers recording, playback, and backup audio on one or multiple cameras.

TYPICAL SYSTEM CONFIGURATION



Model Specifications

MODEL	EDVR-4	EDVR-8	EDVR-16
Video			
Camera Inputs	4 CH composite videos	8 CH composite videos	16 CH composite videos
Camera Outputs	Main, VGA 1 Spot Monitor (NTSC/PAL)	Main, VGA 1 Spot Monitor (NTSC/PAL)	Main, VGA 3 Spot Monitor (NTSC/PAL)
Monitoring			
Display	NTSC:120fps (4 ch display) PAL: 100fps (4 ch display)	NTSC: 240fps (8 ch display) PAL: 200fps (8 ch display)	NTSC: 480fps (16 ch display) PAL: 400fps (16 ch display)
Screen Split	1/4	1/4/8	1/4/7/10/13/16
Recording			
Performance	NTSC: CIF (120fps), HVGA (120fps), VGA (60 fps) PAL: CIF (100fps), HVGA (100fps), VGA: (50fps)	NTSC: CIF (240fps), HVGA (120fps), VGA (60fps) PAL: CIF (200fps), HVGA (100fps), VGA: (50fps)	
Resolution	NTSC: CIF (336x224), HVGA (672x224), VGA (672x448) PAL: CIF (336x272), HVGA (672x272), VGA (672x544)		
Compression	Enhanced MPEG-4	Enhanced MPEG-4	Enhanced MPEG-4
Mode	Full Time, Schedule, Motion Sensor Variable compression rate, recording frame, motion sensitivity		
Storage Options	Internal 3 x HDD, up to 750GB internal storage Internal CD R/W (included)		
Audio	1 Channel, ADPCM Compression		
Playback			
Mode	Multi-channel playback (Max 4,8,16ch) on monitoring window without degradation of recording and monitoring performance		
Searching	By Channel, Time, Date, Motion detection, Sensor events		
Remote Monitoring (Sms) S/W			
Mode	Remote Management Viewer / Live Viewer / Search Viewer		
Network	Ethernet (LAN)		
OS	Windows XP/2000		
System Operation	Front panel keypad, Menu based GUI by Mouse and Remote		
Operating System	Embedded LINUX		
Alarm/Sensor	1/4	1/8	8/16
Camera Control	Pan/Tilt, Zoom, Focus, Iris		
Back-Up	Built-in CD-RW / Two USB ports / Remote Backup		
Hardware Specifications			
Size (inches)	17.32(W) x 16.93(D) x 3.07(H) : 2U Rack Mount Kit		
Size (mm)	440(W) x 430(D) x 78(H) : 2U Rack Mount Kit		
Weight	24.25 lbs. / 11 kgs.		
Power	Max. 50W, 90~264(47Hz~63Hz)		
UPS	External UPS (Option)		
USB Mouse	Included in all systems		
IR Remote	Included in all systems		