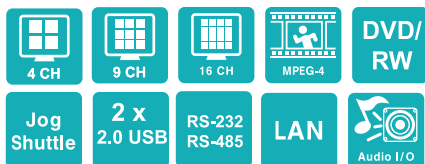


## EDVR4D1/EDVR9D1/EDVR16D1

4, 9 or 16 Channel Network MPEG4 with Built-in DVD+RW Burner



### Features

- Pentaplex Operation (live, record, playback, archive & remote viewing)
- Up to 120 FPS of recording speed
- MPEG4 compression
- BNC and VGA main monitor outputs
- Built-in DVD+RW burner for video exporting
- Two 2.0 USB port for mouse control and archive (supports USB thumb drive)
- Easy to use shuttle/jog wheel, front panel keypad & IR remote controller for command options
- Programmable motion detection area (28x22) for each channel
- TCP/IP ready (remote monitoring from any secure network connection DHCP)
- Motion detection with adjustable sensitivity level and masking capability
- Watermark capabilities to identify authenticity of recorded data
- Event log for video loss, motion detection, alarm input/reset and power on/off
- Real time live display for all cameras
- User friendly on-screen menu operation with multi-language support
- System diagnostic feature alerts users of HDD or system problems via Email or alarm output
- Two internal SATA hard disks
- Built-in watchdog timer
- Remote firmware upgrade function
- Free EverFocus DDNS service

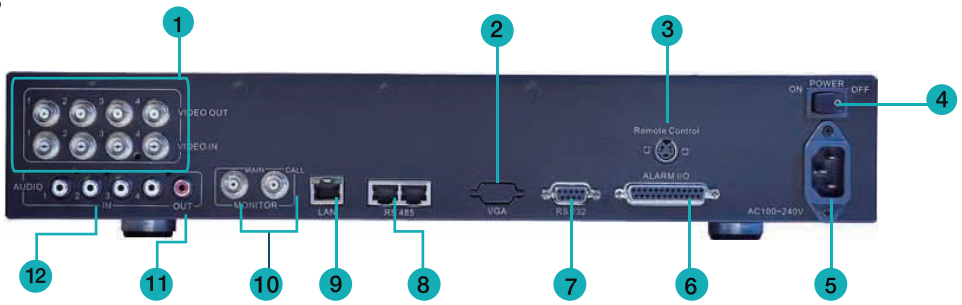
### Specifications

Video Format	NTSC or PAL
Operating System	Embedded Linux
Video Input	4, 9 or 16 camera inputs (BNC, 1 Vp-p/75 ohm)
Video Output	1 BNC composite video out (1 Vp-p/75 ohm) & 1 VGA output for Main Monitor, 1 BNC composite video out (1 Vp-p/75 ohm) for Call Monitor
Video Compression	MPEG4
Recording Resolution	CIF: 360x240 (NTSC) / 360x288 (PAL) Half-D1: 720x240 (NTSC) / 720x288 (PAL) Full D1: 720x480 (NTSC) / 720x576 (PAL)
Video Display	Full, 4, 7, 9, 10, 13, 16, PIP (live only) and 2x2 zoom for live and playback
Video Pause	Yes
Alarm Input	4, 9 or 16 alarm inputs
Alarm Output	1 set of alarm output
Audio	4 mono (MIC) inputs, 1 mono (Speaker) output
Hard Disk Storage	Two internal 3.5" SATA hard disks
Recording Mode	Normal, Schedule or Event recording (motion, video loss, alarm)
Playback Search	By date/time or event (motion, video loss, alarm)
Playback	Play, pause, stop, fast forward (x2, x4, x8, x16, x32, x600), step forward, fast backward (x2, x4, x8, x16, x32, x600), step backward
Playback Rate	CIF: 360x240 (NTSC) / 360x288 (PAL) Half-D1: 720x240 (NTSC) / 720x288 (PAL) Full D1: 720x480 (NTSC) / 720x576 (PAL)
Motion Detection	Yes, with multiple configurable detection area (28x22) & different sensitivities for each camera
Event Log	Yes
User Interface	User friendly OSD menu
Setup	On screen display setup
User Input Device	Front panel keypad, shuttle/jog wheel, mouse, EKB500 keyboard, remote control (optional)
Timer	Real time clock and auto time synchronization with global NTP server through Internet
Title	12 character title generator for each camera
Ethernet	RJ-45 connector for network communications (10/100 Mbps)
Archive	Built-in DVD+RW burner or 2.0 USB port for archive to memory stick
RS-485	for PTZ and/or EKB500 keyboard (optional)
Watchdog Function	Yes
Power Source	AC100~240 V
Power Consumption	50 W
Operating Temp.	0°C ~ 40°C / 32°F ~ 104°F
Dimensions (L x W x H)	Approx. 301 x 430 x 76.2 mm / 15.8" x 17" x 3"
Weight	Approx. 6.4 kg / 14.15 lbs
DDNS	Free EverFocus DDNS server

## Major Operating Controls

Rear View: EDVR4D1

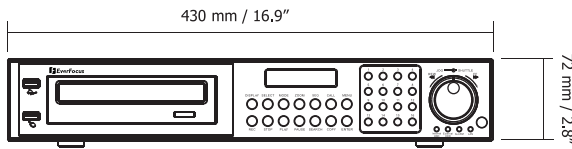
- 1 Video In/Out
- 2 VGA Output
- 3 Remote Control Receiver (extension cable optional)
- 4 Power Switch
- 5 Main Power Plug
- 6 Alarm Input/Output
- 7 RS232 Connector
- 8 RS485 Connector
- 9 Lan Connector



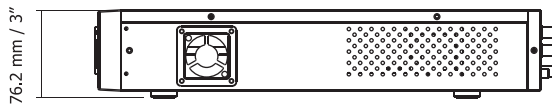
- 10 Main/Call Monitor
- 11 Audio Out
- 12 Audio In

## Dimensions

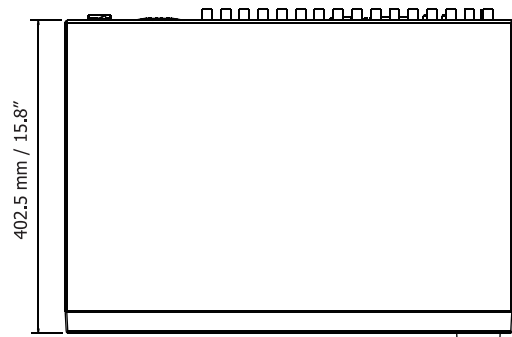
Front View



Side View



Top View



(Unit: mm/inch)

## Ordering Information

### EDVR4D1

- **EDVR4D1/250:** 4 Ch, DVD Burner, 120 FPS, 250 GB, TCP/IP, MPEG4, USB
- **EDVR4D1/500:** 4 Ch, DVD Burner, 120 FPS, 500 GB, TCP/IP, MPEG4, USB
- **EDVR4D1/1T:** 4 Ch, DVD Burner, 120 FPS, 1TB, TCP/IP, MPEG4, USB
- **EDVR4D1/2T:** 4 Ch, DVD Burner, 120 FPS, 2 TB, TCP/IP, MPEG4, USB

### EDVR9D1

- **EDVR9D1/250:** 9 Ch, DVD Burner, 120 FPS, 250 GB, TCP/IP, MPEG4, USB
- **EDVR9D1/500:** 9 Ch, DVD Burner, 120 FPS, 500 GB, TCP/IP, MPEG4, USB
- **EDVR9D1/1T:** 9 Ch, DVD Burner, 120 FPS, 1TB, TCP/IP, MPEG4, USB
- **EDVR9D1/2T:** 9 Ch, DVD Burner, 120 FPS, 2 TB, TCP/IP, MPEG4, USB

### EDVR16D1

- **EDVR16D1/250:** 16 Ch, DVD Burner, 120 FPS, 250 GB, TCP/IP, MPEG4, USB
- **EDVR16D1/500:** 16 Ch, DVD Burner, 120 FPS, 500 GB, TCP/IP, MPEG4, USB
- **EDVR16D1/1T:** 16 Ch, DVD Burner, 120 FPS, 1TB, TCP/IP, MPEG4, USB
- **EDVR16D1/2T:** 16 Ch, DVD Burner, 120 FPS, 2 TB, TCP/IP, MPEG4, USB