Digital Video Recorders

EDVR16D3

16 Channel, 480 FPS High Speed Network MPEG4 with Built-in DVD+RW Burner

CE FC U.S.A.

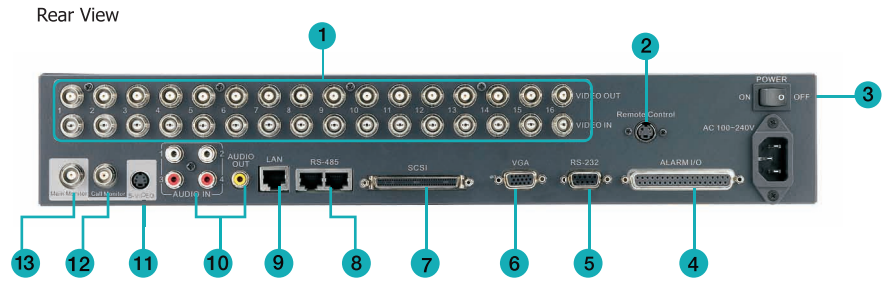| 16 CH | MPEG-4 | DVD / RW | Jog Shuttle |
| 2 x 2.0 USB | RS-232 RS-485 | LAN | Audio I/O |

Features

- Pentaplex Operation (live, record, playback, archive & remote viewing)
- Up to 480 FPS of recording speed
- MPEG4 compression
- Two internal SATA hard disks with up to 2 teryabytes of storage
- BNC, VGA and S-Video main monitor outputs
- Built-in DVD+RW burner for video exporting
- SCSI interface for external expanded storage with EDA800S disk array (optional)
- 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 dection 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
- Built-in watchdog timer
- Remote firmware upgrade function
- Free EverFocus DDNS service

Specifications

Video Format	NTSC or PAL
Operating System	Embedded Linux
Video Input	16 camera inputs (BNC, 1 Vp-p/75 ohm)
Video Output	1 BNC composite video out (1 Vp-p/75 ohm), 1 VGA & 1 S-Video output for Main Monitor, 1 BNC video out (1 Vp-p/75 ohm) for Call Monitor
Video Compression	MPEG4
Recording Resolution	360x240 (NTSC: 480FPS)/360x288 (PAL: 400FPS) 720x240 (NTSC: 240FPS)/720x288 (PAL: 200FPS) 720x480 (NTSC: 120FPS/720x576 (PAL: 100FPS)
Video Display	Full, 4, 7, 9, 10, 13, 16, PIP (live only) and 2x2 zoom for live and playback
Video Pause	Yes
Alarm Input	16 alarm inputs
Alarm Output	4 outputs (4 normally open, 4 normally closed)
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	360x240 (NTSC: 480FPS)/360x288 (PAL: 400FPS) 720x240 (NTSC: 240FPS)/720x288 (PAL: 200FPS) 720x480 (NTSC: 120FPS/720x576 (PAL: 100FPS)
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)	430 x 301 x 76.2 mm / 15.8" x 17" x 3"
Weight	6.4 kg / 14.15 lbs
DDNS	Free EverFocus DDNS server

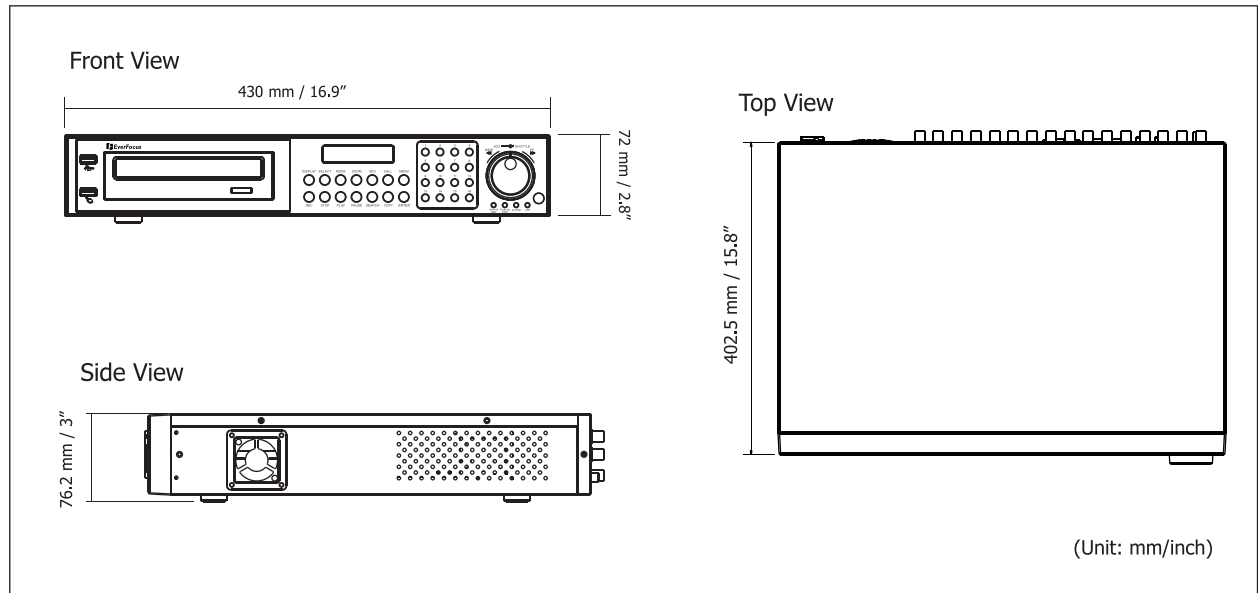*All product specifications are subject to change without notice

EverFocus®

Major Operating Controls

Rear View

1 Video In/Out
2 Remote Control Receiver
3 Main Power Switch
4 Alarm Input/Output
5 RS232 Connector
6 VGA Output
7 SCSI Port
8 RS485 Connector
9 LAN Connector
10 Audio In/Out
11 S-Video
12 Call Monitor
13 Main Monitor

*Front & back panel controls vary depending on models

Dimensions

Front View

430 mm / 16.9"

72 mm / 2.8"

Side View

76.2 mm / 3"

Top View

402.5 mm / 15.8"

(Unit: mm/inch)

Ordering Information

EDVR16D3
- **EDVR16D3/500:** 16 Ch, DVD Burner, 480 FPS, 500 GB, TCP/IP, MPEG4, USB
- **EDVR16D3/1T:** 16 Ch, DVD Burner, 480 FPS, 1TB, TCP/IP, MPEG4, USB
- **EDVR16D3/2T:** 16 Ch, DVD Burner, 480 FPS, 2 TB, TCP/IP, MPEG4, USB

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