

EDR 1640

16-channel duplex MPEG4 digital video recorder



Specifications

Video format: PAL / CCIR

Display format: 1, 4, 7, 9, 10, 13, 16x multiscreen, PiP (live mode)
1, 4, 7, 9, 10, 13, 16x multiscreen, 2x2 zoom (playback mode)

Video input: 16 video inputs 1 Vp-p composite PAL, BNC,
automatic 75 Ohm termination

Video output: 16 loop-through outputs 1 Vp-p at 75 Ohm, BNC
1 main monitor output, 1 Vp-p at 75 Ohm, BNC
1 S-video output mini DIN, for main monitor
1 call monitor output, 1 Vp-p at 75 Ohm, BNC
4 matrix monitor outputs, 1 Vp-p at 75 Ohm, BNC

Video compression: MPEG4

Display resolution: 720 x 576

Harddisk storage: 2 x 3,5" IDE "hot swap" HDD
SCSI controller for external storage via disk array EDA 800 s

Recording resolution: Full D1 size: 720 x 576

Half D1 size: 720 x 288

CIF size: 360 x 288

Recording rate: 1 ~ 400 IPS (360 x 288)

1 ~ 200 IPS (720 x 288)

1 ~ 100 IPS (720 x 576)

Recording modes: continuous, timer, schedule or event recording

Playback search: via time/date or event

Video pause: yes

Video loss detection: yes

Motion detection: yes, with configurable detection area (30x24)
and sensitivity

Event log: yes (10240 entries)

Alarm input: 16 alarm inputs

Alarm output: 4 alarm outputs

Audio input: 4 mono (line) inputs

Setup: on-screen display

Control: front panel control with jog/shuttle, optional mouse control

Timer: built-in real time clock with automatic time synchronisation
via global NTP server through internet

Title: 12 characters title generator for each camera

Archive: USB 2.0 interface device for archive

Ethernet: RJ45 network connector

RS-232: 9-pin Sub-D for local communication

RS-485: RJ45 connector for remote control and PTZ

Watchdog function: yes

HDD temperature detection: yes

Password protection: for menu and record function

Power source: 100 ~ 240 V AC

Power consumption: 185 W max.

Operating temperature: 0°C ~ +40°C

Dimensions: 19", 2 HU,
430 (W) x 88 (H) x 300 (D) mm

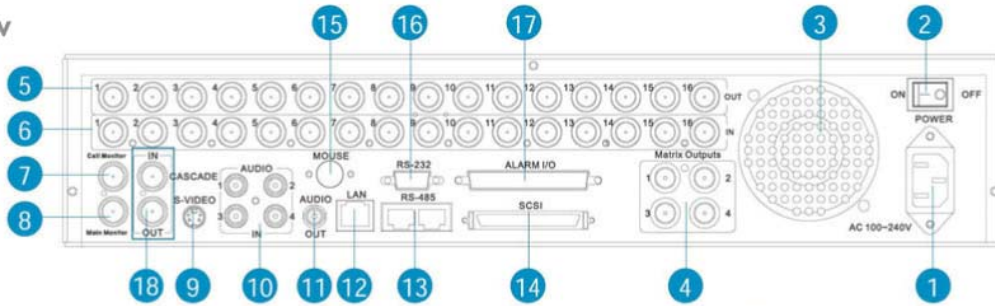
Weight: 6,24 kg

Features

- ✓ built-in MPEG4 compression/decompression with configurable quality
- ✓ variable recording speeds up to 400 IPS
- ✓ duplex operation for simultaneous recording and playback
- ✓ data archiving via USB 2.0 port
- ✓ programmable motion detection area (30 x 24) for each channel
- ✓ extended recording capacity via optional hard disk arrays EDA 800 s
- ✓ two hot swappable hard disks for internal storage
- ✓ individual recording settings for each channel
- ✓ on-screen menu operation with multi-language support
- ✓ real time audio recording at any video recording speed
- ✓ Ethernet interface for remote network viewing and controlling
- ✓ fast network video transmission

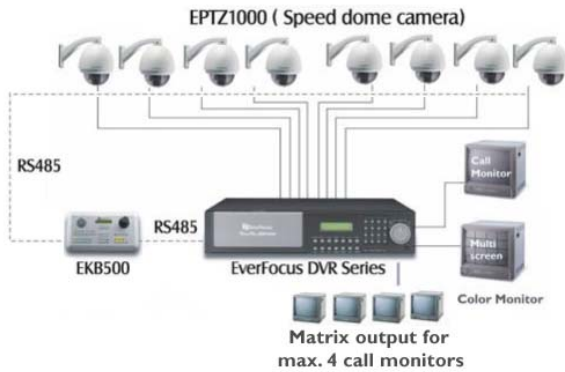
Audio output: 1 mono (line) output

Rear view



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|--|--|---------------------------|----------------------------------|
| 1 Main power socket | 6 Video input connectors (video in 1~16) | 11 Audio output connector | 16 RS-232 connector |
| 2 Power switch | 7 Call monitor output | 12 LAN connector | 17 Alarm input / output |
| 3 Cooling fan | 8 Main monitor connector | 13 RS-485 connectors | 18 Main monitor cascade in / out |
| 4 Matrix outputs | 9 S-Video connector | 14 SCSi connector | |
| 5 Video output connectors (video out 1~16) | 10 Audio input connectors (Audio in 1~4) | 15 Mouse connector | |

System example for basic system



System example for network system



Multi-DVR remote control using cascading function

