

EDR 920

9-channel duplex MPEG4 digital video recorder



Specifications

Video format: PAL / CCIR

Display format: 1, 4, 7, 9x multiscreen, PIP (live mode)
1, 4, 7, 9x multiscreen, 2x2 zoom (playback mode)

Video input: 9 video inputs 1 Vp-p composite PAL, BNC,
automatic 75 Ohm termination
1 cascading input, 1 Vp-p composite PAL, BNC

Video output: 9 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
1 cascading output, 1 Vp-p at 75 Ohm, BNC

Video compression: MPEG4

Display resolution: 720 x 576

Harddisk storage: 2 x 3,5" IDE 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 ~ 200 IPS (360 x 288)

1 ~ 100 IPS (720 x 288)

1 ~ 50 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 per HD)

Alarm input: 9 alarm inputs

Alarm output: 4 alarm outputs

Audio input: 4 mono (line) inputs

Audio output: 1 mono (line) output

Setup: on-screen display

Control: front panel control with jog/shuttle, optional: IR remote control,
mouse control, network, RS-485 keyboard EKB 500

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

Ethernet: RJ45 network connector

RS-232: 9-pin Sub-D

RS-485: RJ45 connector for remote control and PTZ

Watchdog function: for processing, cooler fan,
HDD temperature and HDD activity

Password protection: 3 level

Power source: 100 ~ 240 V AC

Power consumption: 185 W max.

Ambient temperature: 0°C ~ +40°C

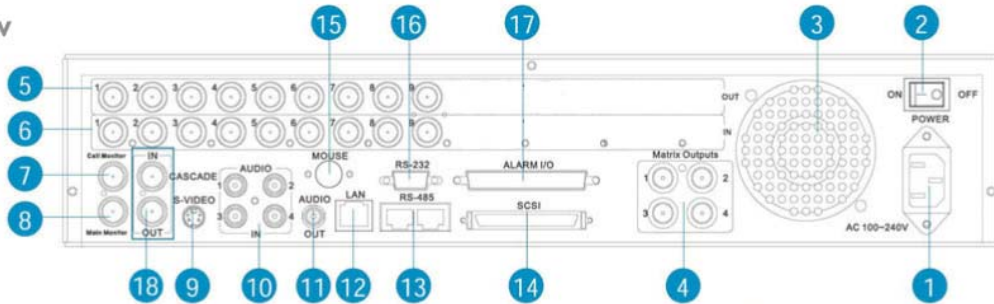
Dimensions: 19", 2 HU, 430 (W) x 88 (H) x 300 (D) mm

Weight: 6,24 kg

Features

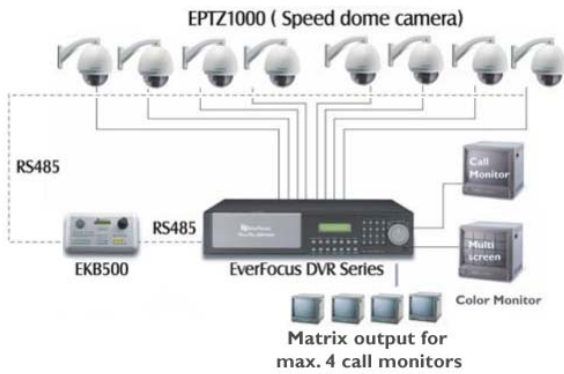
- ✓ built-in MPEG4 compression/decompression with configurable quality
- ✓ variable recording speeds up to 400 IPS
- ✓ duplex operation for simultaneous recording and playback
- ✓ data archiving via USB 2.0 port
- ✓ programmable motion detection area (30 x 24) for each channel
- ✓ colour, brightness and contrast setting per channel
- ✓ two removable hard disks for internal storage
- ✓ extended recording capacity via max. 6 optional hard disk arrays EDA800s
- ✓ 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 through either Internet Explorer (ActiveX application) or optional PowerCon 4.0 software
- ✓ cascading of EDRs in remote keyboard applications
- ✓ network operation independent from local operation
- ✓ e-mail alarm
- ✓ network alarm with optional PowerCon 4.0 software
- ✓ speed dome control via network
- ✓ optional IR remote control (EDA 966) or RS-485 remote control (EKB 500)

Rear view



- | | | | |
|---|--|---------------------------|----------------------------------|
| 1 Main power socket | 6 Video input connectors (video in 1~9) | 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 1~9) | 10 Audio input connectors (Audio in 1~4) | 15 Mouse connector | |

System example for basic system



System example for network system



EEPbus remote control with speed dome star wiring

