

EDR 1610 D

16-channel duplex MPEG4 digital video recorder
with DVD-RW drive



Specifications

Video format: PAL / CCIR

Display format: 1, 4, 7, 9, 10, 13, 16x multiscreen, PiP, 2x2 zoom

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 call monitor output, 1 Vp-p at 75 Ohm, BNC

Video compression: MPEG4

Display resolution: 720 x 576 or 720 x 288 or 360 x 288

Harddisk storage: 1 x internal 3,5" IDE HDD

Recording resolution: Full D1 size: 720 x 576

Half D1 size: 720 x 288

CIF size: 360 x 288

Recording rate: 1 ~ 100 IPS (360 x 288)

1 ~ 50 IPS (720 x 288)

1 ~ 25 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 6 sensitivity levels

Event log: yes (10240 entries)

Alarm input: 16 alarm inputs

Alarm output: 1 alarm output

Setup: on-screen display

Control: front panel control with jog/shuttle, optional: IR remote control,
keyboard control, 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 (for USB stick or EPR200 DVD-RW drive),
internal DVD-RW drive

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: for menu and record function

Remote control: optional

Media: DVD+RW media, UDF formatted

Power source: 100 ~ 240 V AC

Power consumption: 90 W max.

Ambient temperature: 0°C ~ +40°C

Dimensions: 430 (W) x 83 (H) x 385 (D) mm

Weight: 6,4 kg

Features

- ✓ built-in MPEG4 compression/decompression with configurable quality
- ✓ variable recording speeds up to 100 IPS
- ✓ data archiving via USB 2.0 port
- ✓ internal DVD-RW drive for easy video export
- ✓ programmable motion detection area (30 x 24) for each channel
- ✓ one internal hard disk for data storage
- ✓ quad output for call monitor
- ✓ individual recording settings for each channel
- ✓ on-screen menu operation with multi-language support
- ✓ Ethernet interface for remote network viewing and controlling
- ✓ fast network video transmission through either Internet Explorer
(ActiveX application) or optional PowerCon 4.0 software
- ✓ network operation independent from local operation mode
- ✓ 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)