

MPEG-4 Series



EDR 1640 - 16-channel duplex MPEG-4 digital video recorder

Specifications

Video format: PAL / CCIR

Display format:

1, 4, 7, 9, 10, 13, 16x multiscreen, 2x2 zoom, 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
1 cascade input, 1 Vp-p composite PAL, BNC

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
1 cascade output, 1 Vp-p at 75 Ohm, BNC

Video compression: MPEG-4

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 ~ 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 per HD)

Alarm input: 16 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: 2 x 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 MPEG-4 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 EDA 800 s
- ✓ 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 EDR's 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)

Multi-DVR remote control using cascading function

