ECOR 4 – 4-channel MPEG-4 digital video recorder

Specifications

Video format: PAL / CCIR
Display format: full screen, quad screen, sequence
Video input: 4 video inputs 1 Vp-p composite PAL, BNC, automatic 75 Ohm termination

Video output:
4 loop-through outputs 1 Vp-p at 75 Ohm, BNC
1 main monitor output, 1 Vp-p at 75 Ohm, BNC
Optional: 1 main monitor output VGA 800x600, 15-pin Sub-D

Video compression: MPEG-4
Display resolution: 800 x 600
Harddisk storage: 1 x internal 3,5" SATA HDD
Recording resolution: 704 x 576, 704 x 288, 352 x 288
Recording rate: 1 ~ 100 IPS (352 x 288) total
1 ~ 100 IPS (704 x 288) total
1 ~ 50 IPS (704 x 576) total
1 ~ 25 IPS individual setup per channel for normal and event recording (remaining rate to be distributed among remaining channels)

Recording modes: continuous, schedule or event recording

Playback search: via time/date or event, smart search functionality

Video pause: yes
Video loss detection: yes
Motion detection: yes, with configurable detection area and sensitivity

Event log: 10000 log entries

Alarm input: 4 alarm inputs
Alarm output: 1 relay output N.O. / N.C.
Setup: on-screen display with graphic user interface (GUI)
Control: USB mouse control, font panel control, optional: IR remote control, network, RS-485 keyboard EKB 500

Timer: built-in real time clock
Title: 16-characters title generator for each camera
Archive: USB 2.0 interface
Ethernet: RJ45 network connector
RS-232: 9-pin Sub-D
RS-485: 1 x screw terminal connector
Password protection: 3 levels with individual user rights assignment

Power source: 12 V DC, via external power supply 100 ~ 240 V AC

Power consumption: 40 W max.

Ambient temperature: 0°C ~ +40°C
Dimensions: 320 (W) x 50 (H) x 210 (D) mm

Features

- User-friendly graphic user interface (GUI) with easy mouse or front panel operation
- Latest MPEG-4 compression technology with improved picture quality
- individual recording settings for each channel
- data archiving via USB 2.0 port
- programmable motion detection area for each channel
- PTZ control
- Internal DVD-RW drive for easy video export (optional)
- Audio functionality (optional)
- Ethernet interface for remote network viewing and controlling
- fast network video transmission through either Internet Explorer (ActiveX application)
- network operation independent from local operation
- optional RS-485 remote control (EKB 500)

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