



Everfocus 16-channel Duplex Digital Video Recorder

The new **EDSR-1600 (16-channel)** digital video recorders offer all digital video recording benefits and are easy to install and operate like a custom VCR. Moreover, the 16 channel devices are the first Digital Video Recorders with an **integrated 16x4 basic matrix function**. Existing multiplexer can be connected via a switch output. **Alarms** are managed via external alarm inputs and outputs. The advantages of digital recording are obvious. The constant **superior quality up to DVD resolution** allows a detailed recognition during image evaluation. The recorded images are **archived on exchangeable hard disks**; alternatively, single images and image sequences can be stored on a Compact Flash card and can be evaluated via free downloadable players (e.g. QuickTime) on a standard PC. For flexible and individual data evaluation of hard disk out of EDSR series' digital video recorders via local PC, the **Hard disk Reader EPR 100** has been developed. It is connected to the PC via the USB port; the included driver software allows easy installation. Data evaluation of single images, video streams and multiscreen sequences is possible through search criteria such as time/date, hard disk segment and event. For further evaluation, all data can be archived and managed locally.

EDSR-1600 can operate as easily as an analog time lapse VCR. The **Jog & Shuttle function** allows up to 600-x forward and reverse playback without any image interferences, as well as single image playback. Optionally, both DVR can be **operated via the RS-232 interface or an infrared remote control**.

Specifications

Video format: PAL / CCIR

Display format: 1, 4, 6, 7, 8, 9, 10, 13, 16 multiscreen, Picture in Picture, 2x digital zoom (live and playback mode), duplex mode

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

Video output:

16 loop-through video 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: 6-step M-JPEG

Hard disk storage: 2 x 3,5" IDE "hot swap" HDD

Playback rate: 0,1 ~ 50 IPS

Recording resolution: 720 x 576

Recording rate: 0,1 ~ 50 IPS

Recording modes: continuous, timer, alarm and motion recording

Playback search: by date / time or event

Video loss detection: yes

Video pause: yes

Motion detection: 14 x 10 grids per camera with adjustable sensitivity

Event log: yes

Alarm output: 1 alarm relay output

Alarm input: 16 alarm inputs, 1 alarm reset input

Audio output: 2 mono outputs, cinch

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Control: front panel, IR remote control, RS-232, network, RS-485 keyboards KS KBJ and KS KBK

Setup: on-screen display

Timer: max. 12 different timer periods per week

Title: 12-characters title generator for each camera

Image export: Compact Flash, network

Ethernet: RJ45, 10 MBit interface

RS-232: 9-pin Sub-D for remote control

RS-485: 2 x RJ45 for remote control

Watchdog function: yes

Password protection: for menu and record function

Power source: 100 ~ 240 V AC

Power consumption: 60 W max

Operating temperature: 0°C ~ +40°C

Dimensions: 19", 2 HU,

430 (W) x 88 (H) x 300 (D) mm

Weight: 7,3 kg

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