## ERS-4 – 4-channel video server with recording capability

### Features

- H.264 compression format
- User-friendly graphic user interface (GUI) with graphical icons and visual indicators
- Menu setup local (mouse, local monitor) or via network (browser, CMS)

- Express setup function
- Audio recording capability
- Optional 1 built-in SATA harddisk
- Multi-language support

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| Technical data | |
|---|---|
| *Physical* | |
| Video input | 4 x 1 Vp-p FBAS, BNC, automatic 75 Ohm termination |
| Monitor output | 1 x 1 Vp-p FBAS, BNC, at 75 Ohm<br>1 x VGA (resolution 800 x 600 @ 60 Hz) |
| Recording rate / resolution | 100 IPS (352 x 288)<br>100 IPS (704 x 288)<br>50 IPS (704 x 576) |
| Playback and streaming rate / resolution | up to 100 IPS (352 x 288)<br>up to 100 IPS (704 x 288)<br>up to 50 IPS (704 x 576)<br>depending on network conditions |
| Audio input | 1 x line input, 1 V max. / 1 KOhm, RCA socket |
| Audio output | 1 x line output, 1 V max. at 1 KOhm, RCA socket |
| Alarm input | 4 x N.O. / N.C., screw terminal connector |
| Alarm output | 1 x relay output, N.O. / N.C., screw terminal connector |
| Network interface | 100 Base-T, 8P8C / RJ-45 socket |
| RS-485 | 1 x, screw terminal connector |
| USB | 1 x USB 2.0 on back panel (for USB mouse)<br>1 x USB 2.0 on front panel (for service purpose) |
| Status LED | power, alarm, HDD activity, network traffic |
| Clock | built-in real time clock, NTP synchronisation option |
| Power source | 12 V DC, 100 ~ 240 V AC via included power supply, 50/60 Hz |
| Power consumption | 6 W max. (w/o HDD) / 21 W max. (with HDD) |
| Ambient temperature | 0°C ~ +40°C |
| Humidity | 20 ~ 80% |
| Dimensions (WxHxD) | 320 x 54 x 209 mm |
| Weight | 1,7 kg (w/o HDD) / 2,5 kg (with HDD) |
| *Functional* | |
| Operating system | embedded Linux |
| Video compression | H.264 |
| User interface | graphical user interface (GUI) |
| Operation | simultaneous network live / playback operation and local recording |
| Recording mode | manual, schedule and event recording |
| Playback search | by date / time or event |
| Video pause | yes |
| Video loss detection | yes |
| Motion detection | yes |
| Event log | yes |
| Schedule setting | supports express and advanced schedule setting |
| User access | 3 levels of user access support, max. 10 users |
| PTZ protocols | EverFocus, Pelco-D, Pelco-P, Samsung (El.), transparent |

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## Accessories

### EDA-Rack – 482 mm (19") rack mount kit

**Material:** aluminium black
**Dimensions (WxHxD):** 482 x 89 x 223 mm, 19" 2U
**Weight:** 900 g
**Application:** 1 x ECOR 4 / 8 or 1 x ERS-4

| Ordering information | |
|---|---|
| ERS-4 NH | 4-channel video server with recording capability, w/o harddisk, 12 V DC (230 V AC power supply included) |
| ERS-4 / HD size | 4-channel video server with recording capability, with built-in harddisk, 12 V DC (230 V AC power supply included) |
| ERS-4-HDMK | Harddisk assembly kit for ERS-4 |
| EDA-Rack | 482mm (19") rack mount kit for ECOR DVRs and video server ERS-4 |

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