



ECOR 264x1-16 – 16-channel pentaplex H.264 digital video recorder



Delivery includes IR remote control and mouse!

Features

- User-friendly graphic user interface (GUI) with easy mouse or front panel operation
- Multi-language menu operation
- Express setup for quick installation in standard applications
- Latest H.264 compression technology
- Real time recording and playback rate for all cameras
- Individual recording settings for each channel
- Pentaplex operation for simultaneous recording, playback, archiving, live view and network access
- Snapshot search function
- Data archiving via USB 2.0 port or built-in DVD-RW drive*
- Programmable motion detection area (22x18) for each channel
- Local (through USB mouse) and network PTZ control
- Fast network video transmission with dual stream for mobile phone streaming
- Network operation independent from local operation
- Event notification incl. e-mail alarm and network alarm with optional PowerCon 4.x software
- Watchdog function with notification options
- Optional RS-485 remote control (EKB 500)
- Free EverFocus DDNS service: DDNS account registration directly from DVR setup

* feature / function depending on DVR model

| Technical data | |
|-------------------------------|---|
| Video format | PAL / CCIR |
| Display format main monitor | 1, 4, 6, 8, 9, 10, 13, 16x multiscreen, PiP |
| Display format call monitor | 1, 4, 9, 16x multiscreen, sequence |
| Video input | 16 inputs 1 Vp-p composite PAL, BNC, automatic 75 Ohm termination |
| Video output | 16 loop-through outputs, 1 Vp-p at 75 Ohm / 1 main monitor output, 1 Vp-p at 75 Ohm, BNC / 1 main monitor output VGA 1024 x 768, 15-pin Sub-D / 1 multiplex call monitor output, 1 Vp-p at 75 Ohm, BNC |
| Video compression | H.264 |
| Display resolution VGA output | 1024 x 768 / 60 Hz |
| Harddisk storage | up to 2 x internal 8,9 cm (3,5") SATA harddisks OR up to 1x removable 8,9 cm (3,5") SATA harddisk* |
| Recording resolution | 704 x 576, 704 x 288, 352 x 288 |
| Recording rate | 1 ~ 400 IPS (352 x 288) total // 1 ~ 200 IPS (704 x 288) total // 1 ~ 100 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 date/time or event / smart search incl. snapshot search function |
| Video pause | Yes |
| Video loss detection | Yes |
| Motion detection | Yes, with configurable detection area (22 x 18) and sensitivity |
| Event log | yes |
| Alarm input | 16 alarm inputs |
| Alarm output | 4 alarm outputs |
| Setup | On-screen display with graphic user interface (GUI) |
| Control | USB mouse control, front panel control, IR remote control; optional: 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, internal DVD-RW drive* |
| Ethernet | RJ45 network connector |
| Interfaces | 1 x RS-232 (9-pin Sub-D) // 1 x RS-485 screw terminal connector |
| Password protection | 3 levels |
| Watchdog function | For cooler fan, HDD status, HDD temperature, recording and HDD fault |
| Power source | 12 V DC, via included power supply 100 ~ 240 V AC |
| Power consumption | 40 W max. |
| Ambient temperature | 0°C ~ +40°C |
| Dimensions (WxHxD) | 355 x 71 x 353 mm |
| Weight | 4,0 kg (w/o HDD) |

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Remote control devices

EKB 500 – multi-function keyboard



Technical data

| | |
|---------------------|---|
| Keys | 48 |
| Joystick | 3D PTZ function control |
| Jog/shuttle | DVR control |
| Display | LCD 2 lines with 20 characters each |
| Baud rate | 1.200 ~38.400 |
| Serial interfaces | RS-232 (service) / 2 x RS-485 |
| Protocols | Pelco-P / Pelco-D / EverFocus / Samsung (El.) / EQ 2700 S / Panasonic |
| Devices | Control of speed dome, DVR and EQ 2700 motorzoom camera |
| Cascading | Up to 8 keyboards addressable |
| Wiring box | Yes |
| Power source | 12 V DC, via included power supply 230 V AC |
| Power consumption | 10 W max. |
| Ambient temperature | 0°C ~ +40°C |
| Dimensions (WxHxD) | 360 x 110 x 200 mm |
| Weight | 1,5 kg |

Available models



ECOR 264x1-16-FI – 16-channel H.264 DVR with internal HDD
ECOR 264x1-16-FR – 16-channel H.264 DVR with removable HDD



ECOR 264x1-16-DI – 16-channel H.264 DVR with internal HDD & DVD-RW drive

Ordering information

| | |
|---------------------|--|
| ECOR 264x1-16-FI NH | 16-channel pentaplex H.264 DVR ECOR, w/o harddisk , 12 V DC (230 V AC power supply included) Harddisk storage: optional up to 2x built-in 8,9 cm (3,5") SATA HDD |
| ECOR 264x1-16-DI NH | 16-channel pentaplex H.264 DVR ECOR, w/o harddisk, with DVD-RW drive , 12 V DC (230 V AC power supply included) Harddisk storage: optional up to 2x built-in 8,9 cm (3,5") SATA HDD |
| ECOR 264x1-16-FR NH | 16-channel pentaplex H.264 DVR ECOR, w/o harddisk , 12 V DC (230 V AC power supply included) Harddisk storage: optional up to 1x removable 8,9 cm (3,5") SATA HDD |
| EKB 500 | Multi-function keyboard for speed dome and DVRs, with 3-axis joystick and jog/shuttle, 12 V DC (230 VAC power supply incl.) |

Please order your ECOR 264x1 DVR as follows:

DVR Series / Model / No. of harddisks / Size of harddisks / Example:

Ordering code: → You'll receive:

ECOR 264x1-16-FR / 1 / 750 → 16-channel ECOR 264x1 DVR with 1 removable 750 GB harddisk

ECOR 264x1-16-DI / 2 / 1000 → 16-channel ECOR 264x1 DVR with built-in DVD-RW drive and 2 built-in 1000 GB harddisks

If you prefer to receive the DVR and HDDs separately, please order the respective "NH" DVR model and separate harddisks in the requested size. If you prefer to receive the DVR without any harddisks, we'll provide you with a list of suitable harddisks which have been tested and approved for your ECOR 264x1 DVR.