



Delivery includes IR remote control and mouse!

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

### 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, <b>w/o harddisk</b> , 12 V DC (230 V AC power supply included) Harddisk storage: optional <b>up to 2x built-in 8,9 cm (3,5") SATA HDD</b>
ECOR 264x1-16-DI NH	16-channel pentaplex H.264 DVR ECOR, <b>w/o harddisk, with DVD-RW drive</b> , 12 V DC (230 V AC power supply included) Harddisk storage: optional <b>up to 2x built-in 8,9 cm (3,5") SATA HDD</b>
ECOR 264x1-16-FR NH	16-channel pentaplex H.264 DVR ECOR, <b>w/o harddisk</b> , 12 V DC (230 V AC power supply included) Harddisk storage: optional <b>up to 1x removable 8,9 cm (3,5") SATA HDD</b>
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.