



Delivery includes IR remote control and mouse!

## ENDEAVOR 264L4-16 – 16-channel D1 real time recording, Full HD 1080p output H.264 digital video recorder

### Features

- D1 real time recording rate for all cameras
- D1 real time playback rate for 8 cameras
- HDMI video output (1080p)
- simultaneous main streaming (400 IPS D1) and second streaming
- latest H.264 compression technology
- user-friendly graphic user interface (GUI) with graphical icons and visual indicators
- Multi-language menu operation
- Express setup for quick installation in standard applications
- 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
- on-screen PTZ control via mouse or front panel
- 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

### Technical data

Video format	PAL / CCIR
Display format main monitor	1, 4, 6, 8, 9, 10, 12, 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, 15-pin Sub-D / 1 main monitor output HDMI / 1 multiplex call monitor output, 1 Vp-p at 75 Ohm, BNC / 4 x matrix monitor outputs, 1 Vp-p at 75 Ohm, BNC
Video compression	H.264
Display resolution main monitor output	800 x 600; 1024 x 768; 1280 x 720; 1280 x 1024; 1920 x 1080
Harddisk storage	up to 4 x internal 8,9 cm (3,5") SATA harddisks
Recording resolution	704 x 576, 704 x 288, 352 x 288
Recording rate	1 ~ 400 IPS total for all resolutions 1 ~ 25 IPS individual setup per channel for normal and event recording (rem. rate to be distributed among remaining channels)
Playback rate	1 ~ 200 IPS (8 channels max.)
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 (2 x RJ45 looped)
Password protection	3 levels
Watchdog function	For cooler fan, HDD status, HDD temperature, recording and HDD fault
Power source	100 ~ 240 V AC
Power consumption	110 W max.
Ambient temperature	0°C ~ +40°C
Dimensions (WxHxD)	430 x 79,5 x 423 mm
Weight	5,0 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

#### Ordering information

EMR 264L4-16 / NH	16-channel pentaplex H.264 DVR ENDEAVOR, <b>w/o harddisk</b> , with built-in DVD-RW drive, 100 ~ 240 V AC Harddisk storage: optional <b>up to 4x built-in 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 ENDEAVOR 264L4 DVR as follows:**

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

Ordering code:                      ➔   You'll receive:

ENDEAVOR   264L4-16/   1/500   ➔   16-channel ENDEAVOR 264L4 DVR with built-in DVD-RW drive and 1 built-in 500 GB harddisk  
ENDEAVOR   264L4-16/   4/1000   ➔   16-channel ENDEAVOR 264L4 DVR with built-in DVD-RW drive and 4 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 ENDEAVOR 264L4 DVR.