Paragon 16 – 16-channel pentaplex MPEG-4 digital video recorder

Delivery includes IR remote control!

Features

- User-friendly graphic user interface (GUI) with easy mouse or front panel operation
- Multi-language menu operation
- Latest MPEG-4 compression technology with improved picture quality
- Express setup for quick installation in standard applications
- Individual recording and schedule settings for each channel
- Pre-alarm recording
- Extended schedule setting incl. holiday calendar and express schedule
- Pentaplex operation for simultaneous recording, playback, archiving, live view and network access
- Data archiving via USB 2.0 port, network or built-in DVD-RW drive*
- Programmable motion detection area (22x15) for each channel

- Colour, brightness and contrast setting per channel
- Local (through USB mouse) and network PTZ control
- Ethernet interface for remote network viewing and controlling
- Fast network video transmission through Internet Explorer or optional PowerCon 4.x software (from version 4.3)
- Network operation independent from local operation
- E-mail alarm
- Network alarm with optional PowerCon 4.x software (from version 4.3)
- 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	1,4,8,9,130,13,16x multiscreen, 2x2 zoom, PiP (live) // 1,4,8,9,10,13,16x multiscreen, 2x2 zoom (playback)
Display format call monitor	Full screen, up to 16x multiscreen, sequence (live)
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, BNC / 1 main monitor output, 1 Vp-p at 75 Ohm, BNC 1 main monitor output VGA 800x600, 15-pin Sub-D / 1 call monitor output, 1 Vp-p at 75 Ohm, BNC
Video compression	MPEG-4
Display resolution VGA output	800 x 600 (SVGA)
Harddisk storage	Up to 4x internal 3,5" SATA harddisks OR up to 2x removable 3,5" SATA harddisks*
Recording resolution	720 x 576, 720 x 288, 360 x 288
Recording rate	1 ~ 400 IPS (360 x 288) total // 1 ~ 200 IPS (720 x 288) total // 1 ~ 100 IPS (720 x 576) total Individual setup per channel for normal and event recording (remaining rate to be distributed among remaining channels)
Recording modes	Continuous, schedule (with holiday calendar) or event recording
Playback search	Via date/time or event / smart search
Video pause	Yes
Video loss detection	Yes
Motion detection	Yes, with configurable detection area (22x15) and sensitivity
Event log	Yes
Pre-alarm	Yes
Alarm input	16 alarm inputs
Alarm output	4 relay outputs
Audio	16 line inputs / 1 line output*
Setup	On-screen display
Control	USB mouse control, front panel control with jog/shuttle, IR remote control, network; optional: RS-485 keyboard EKB 500
Timer	Built-in real time clock with automatic time synchronisation via global NTP server through Internet
Title	12-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	100 ~ 240 V AC
Power consumption	60 W max.
Ambient temperature	0°C ~ +40°C
Dimensions (WxHxD)	430 x 95 x 410 mm
Weight	6,3 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 / ED 2200 / ED 2250
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

EDR-16FI / NH	16-channel MPEG-4 Paragon digital video recorder, **w/o harddisk, w/o DVD-RW drive**, 100 ~ 240 V AC Harddisk storage: optional **up to 4x built-in 3,5" SATA HDD**
EDR-16DI / NH	16-channel MPEG-4 Paragon digital video recorder, **w/o harddisk, with DVD-RW drive**, 100 ~ 240 V AC Harddisk storage: optional **up to 4x built-in 3,5" SATA HDD**
EDR-16FIA / NH	16-channel MPEG-4 Paragon digital video recorder, **w/o harddisk, w/o DVD-RW drive, with audio function**, 100 ~ 240 V AC Harddisk storage: optional **up to 4x built-in 3,5" SATA HDD**
EDR-16DIA / NH	16-channel MPEG-4 Paragon digital video recorder, **w/o harddisk, with DVD-RW drive, with audio function**, 100 ~ 240 V AC Harddisk storage: optional **up to 4x built-in 3,5" SATA HDD**
EDR-16FR / NH	16-channel MPEG-4 Paragon digital video recorder, **w/o harddisk, w/o DVD-RW drive**, 100 ~ 240 V AC Harddisk storage: optional **up to 2x removable 3,5" SATA HDD**
EDR-16DR / NH	16-channel MPEG-4 Paragon digital video recorder, **w/o harddisk, with DVD-RW drive**, 100 ~ 240 V AC Harddisk storage: optional **up to 2x removable 3,5" SATA HDD**
EDR-16FRA / NH	16-channel MPEG-4 Paragon digital video recorder, **w/o harddisk, w/o DVD-RW drive, with audio function**, 100 ~ 240 V AC Harddisk storage: optional **up to 2x removable 3,5" SATA HDD**
EDR-16DRA / NH	16-channel MPEG-4 Paragon digital video recorder, **w/o harddisk, with DVD-RW drive, with audio function**, 100 ~ 240 V AC Harddisk storage: optional **up to 2x removable 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 Paragon DVR as follows:

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

Ordering code: ➔ You'll receive:

EDR 16DI   / 3 / 500   ➔ 16-channel Paragon DVR with built-in DVD-RW drive and 3 built-in 500 GB HDD
EDR 16FRA / 2 / 1000   ➔ 16-channel Paragon DVR w/o DVD-RW drive, with audio function and 2 built-in 1000 GB HDD (removable)

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 Paragon DVR.

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