



# MHR-28N16005A

SKU: 230040



Hybrid HD Video Recorder, 16-ch. analogue, 480fps, HDTVI AHD, IP, 2xSATA, HDMI, w/o HDD

## Main Features

16-Channel Pentaplex Multisignal Recorder

IP, HD-TVI, AHD, CVBS signals supported

Max. 16-Channel (e.g., 16x IP or 16x analogue)

Recording speed IP 240fps@8MP, 240fps@5MP, 480fps@2MP

Monitor output HDMI (4K), VGA and Spot CVBS

Easy installation of the hard disk(s)

PTZ control via coax (UTC)

Audio/Alarm In- and Output

USB 2.0 and RS-485 interface

Compression Method: H.264, H.265

Remote access via App, Browser and CMS

IR remote control and USB-Mouse included

## Specifications

Dimensions (HxWxD)	44x380x314,6mm
Serial interfaces protocols	Fastrax IIE Pelco D Pelco P UTC (HD-Signal Format)
Housing	Metal/Plastic
Color	anthracite / black
Blower	yes
Video inputs (amount)	16
Channels total	16
IP channels	16
Max. recording resolution	3840x2160
Recording rate max.	@1920x1080

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Continuation of the specifications

Compression	H.264, H.265
Main video outputs	HDMI (4K), VGA
Spot monitor	composite (CVBS)
Network	10/100/1000 Base-Tx, RJ45
Alarm outputs	1x NO/NC contact
Audio inputs	1
Serial interfaces	Coaxitron (HD Protocol), RS-485
Max. internal HDD capacity	32 TB
Internal HDD capacity	0 TB
Integrated writer	no
Interfaces external storage	USB
HDD slots	2x SATA
HDD hotswap	no
RAID	n/a
Data tranfer rate max.	192 Mbps
Remote access	Microsoft Internet Explorer, remote software
19" rack mount	yes
Power consumption	16W
Operating temperature	0°C ~ +40°C
Data transfer rate outgoing	96 Mbps
Operation mode	Pentaplex
Signal format	AHD @ 8MP, Composite (FBAS), HD-TVI @ 8MP, IP @ 8MP
Weight	2,6kg
Playback	16 channel split, 32 channel split, 4 channel split, 9 channel split, full screen
Data transfer rate incoming	96 Mbps
Audio output	HDMI, RCA
Operating system	Linux
Manufacturer order number	230040

## Optional Accessory

SKU	Name	Description
230302	eneo Control	Control Software for Hybrid HD Video Recorder MHR-Series
230303	eneo Control mobile	Mobile App for Hybrid HD Video Recorder MHR-Series
218218	eneo Site Manager	Management Software for eneo IP products
233164	HDD-12000SATA Purple	Hard Disk Drive, 3,5", SATA 12TB, 256MB Cache, 24x7, optimised for Video Security
217658	HDD-2000SATA Purple	Hard Disk Drive 2TB, SATA, for eneo Video Recorders, expansion

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Continuation of accessory

217657	HDD-3000SATA Purple	Hard Disk Drive 3TB, SATA, for eneo Video Recorders, expansion
217659	HDD-4000SATA Purple	Hard Disk Drive 4TB, SATA, for eneo Video Recorders, expansion
217660	HDD-6000SATA Purple	Hard Disk Drive 6TB, SATA, for eneo Video Recorders, expansion
218583	HDD-8000SATA Purple	Hard Disk Drive 8TB, SATA, for eneo Video Recorders, expansion

## Optional Services

SKU	Name	Description
229229	CON-eneo-KON-16	Preconfiguration 1x eneo recorder with up to 16 eneo IP cameras
229224	CON-HDD-eneo	Hard disk installation service for eneo
229235	CON-KOMP	Compatibility check for cameras, NVR, VMS systems (one pair of devices)

## Your contact person

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