

# MNR-18N04000A

SKU: 233903



Hybrid HD Video Rekorder 4-ch. analogue, 2-ch. IP, HDMI, 1xSATA, w/o HDD

## Main Features

4-channel pentaplex multisignal recorder

Supports IP, HD-TVI, AHD, CVBS signals

Max. 6 channels (4x analog + 2x IP)

Recording speed 28fps@8MP,48fps@5MP,120fps@2MP

Monitor outputs HDMI (4K),VGA and spot monitor CVBS

Maximum 1 internal hard disk possible

PTZ control via coaxial (UTC)

Audio/alarm inputs and outputs

USB 2.0 and RS-485 interface

Compression methods: H.264, H.265

Remote access via app, browser and CMS

USB mouse included

## Specifications

Series	eneo IN-Series
Video:	
Signal format	IP @ 8MP,HD-TVI @ 8MP,Composite (FBAS),AHD @ 8MP
Compression	H.264,H.265
Display:	
Playback	full screen,4 channel split
Zoom functions	in full screen mode (live and playback operation)
Live display	28fps @ 3840x2160 ,48fps @ 2592x1944,60fps @ 2592x1520 ,120fps @ 1920x1080
Video standard	PAL, NTSC (Auto detection)

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## Continuation of the specifications

Recording:	
Operation mode	Pentaplex
Max. recording resolution	3840x2160
Recording speed	28 fps @ 3840x2160 ,48 fps @ 2560x1920 ,60 fps @ 2560x1440 ,120 fps @ 1920x1080
Recording rate max.	120 fps, @1920x1080
Recording	permanent,manual,movement,AI,event
Pre-alarm recording	up to 5sec.
Post-alarm recording	up to 5min.
Functions:	
Motion detector	Free selectable areas
Analysis functions	The recorder hardware (on board) provides the following analysis functions for analog cameras,obstruction detection,intrusion,Line detection,Object classification (person / vehicle)
Alarm notification	e-mail notification,alarm output,remote software,Live Popup,Spot Popup,Buzzer,FTP,PTZ Preset,Push (Mobile)
Alarm triggers	contact,motion detection,video loss,disk error,AI
Password protection	administrator & users
HDD hotswap	no
Menu languages	English,German,French,Spanish,Italian,Russian,Portuguese,Polish,Turkish,Romanian,Danish,Dutch,Finnish,Bulgarian,Greek,Japanese,Korean,Thai,Arabic,Hebrew,Hindi
Remote access	Microsoft Internet Explorer,remote software
Mobile access	iPhone,Android OS
Search function	date/time,event,text,Thumbnail,Instant Playback
Time synchronization	NTP
Covert camera mode	yes
Network:	
Network	10/100 Base-Tx, RJ45
Network protocols	TCP/IP,DHCP,RTP,RTSP,SMTP,NTP,HTTP,HTTPS,FTP,DDNS,UPnP,DNS,SNMP
Data transfer rate max.	48 Mbps
Data transfer rate incoming	12 Mbps
Data transfer rate outgoing	36 Mbps
Interfaces / Inputs/ Outputs:	
IP channels	2 (6 IP only)
Channels total	6
Video inputs	BNC-female,automatic resolution and signal detection
Video inputs (amount)	4
Main video outputs	HDMI (4K),VGA

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## Continuation of the specifications

Spot monitor	composite (CVBS)
Interfaces external storage	USB, eSATA, 1x NetHDD (SMB,NFS), Google Drive, Dropbox
Alarm inputs	4
Alarm outputs	1
Audio inputs	4, RCA
Audio output	RCA
Serial interfaces	RS-485, Coaxitron (HD Protocol)
Serial interfaces protocols	Pelco D, Pelco P, coax1, coax2
Operating system	Linux
<b>General:</b>	
Dimensions (HxWxD)	300X227X53mm
Weight	1,03kg
19" rack mount	no
HDD slots	1x SATA
Control units (external)	mouse
Colour	black
Internal HDD capacity	0 TB
Max. internal HDD capacity	10 TB
Housing	Metal/Plastic
Integrated writer	no
Power consumption	4.7W, without HDD
Blower	no
ONVIF	yes, ONVIF Profile S
RAID	n/a
Operating temperature	0°C ~ +40°C
<b>Parts supplied:</b>	
Parts supplied	manuals, PSU, HDD assembly-kit, mouse
Remarks	NDAA compliance under Section 889, Part A.
Special features	Channels can be assigned with IP or different HD / SD signal formats (mixed operation possible)

## Optional Accessory

SKU	Name	Description
234989	eneo INsight	Control software for recorder IN- and MN-series
234990	eneo INsight mobile	Mobile App for recorder IN- and MN-series