Networkrecorder **NR4/8HL**

The performance features at a glance

- 4/8 channel digital recorder incl. PoE-Switch

- 25 images per second / channel @ Full-HD

- H.264 compression

- Remote access via network / smartphone

- HDMI output

- Up to 2 HDD installable
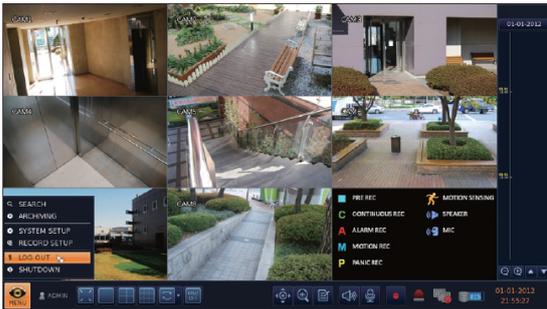
High versatility

The Full-HD GANZ IP Network Video Recorder series enters unknown territory in the field of IP. The state-of-the-art technology in a compact design housing, optionally with four or eight channels, offers space for numerous fields of application.

Outstanding advantages

The GANZ IP NVRs harmonise perfectly with our GANZ PixelPro camera series. The IP cameras are connected directly to the recorder by means of network cables. Simultaneously, the NVR supplies the cameras with power using PoE. This way, only one network cable is required per camera, and the connection is established.

High-performance technology

The Full-HD resolution with up to 25 images per second guarantees the highest recording quality. This way, you will get pin sharp and detailed results. The live view is also a treat: A monitor connected via HDMI provides for effortless viewing at the highest quality.

Other special features

Data can be copied comfortably and quickly from the up to two internal hard drives via USB, eSata, or network. Relevant records can be locate quickly with thumbnail search. Using iPhone, iPad, Android, or Windowsmobile smartphones, you can gain remote control and can access the NVR comfortably.are available.

Order data

Order number	Product description
NR4HL NR8HL	4/8-channel Triplex Digitalrecorder, H.264 compression, LINUX OS, LAN, HDMI-output, 100/200 fps @ 1080p, up to 2 S-ATA installable, Smartphone access

Networkrecorder NR4/8H**L**

Advantages for the installer

Simple and quick installation: Connect the PixelPro IP camera to the recorder; the configuration will be fully automatic. You can open a virtual network overview for control purposes. Moreover, the direct connection of the cameras to the recorder is an advantage regarding safety.

Technical specifications	NR4HL	NR8HL
Video standard	PAL / NTSC	
Compression format	H.264	
Video input	4 x RJ-45 (PoE) / max. 32Mbps	8 x RJ-45 (PoE) / max. 64Mbps
Monitor output	1x HDMI (1920 x 1080)	
Audio input	4 (from IP-Camera), 1 x Line-In, 1 x Mic-In	8 (from IP-Camera), 1 x Line-In, 1 x Mic-In
Audio output	1 x Line-Out	
Alarm input	4 (IP) + 2	8 (IP) + 2
Alarm output	4 (IP), 1 x Relay	8 (IP), 1 x Relay
Hard disk quantity	2 x SATA installable	
Operating system	LINUX OS / Triplex	
Recording format	1920x1080/1280x720/640x480/640x352	
Recording mode	Continuous recording / Movement / Alarm / Panic	
Recording rate	Max 25 fps / channel @ 1080p	
Replay	Up to 4 channel simultanous	Up to 8 channel simultanous
Events	Movement / Loss of video / External alarm	
Movement sensor	8 x 12 Fields, 10 sensitivity levels	
Interfaces	1 x RS-485/232, 2 x RJ-45 (LAN/WAN), 2 x USB, eSATA	
Time/date settings	GMT time zone, Auto DST, NTP	
Remote access	iPhone, iPad, Android, Windows Mobile 7	
Remote access functions (IE)	Live picture, live recording, search configuration, archiving	
Networkspeed / User	Up to 100 fps, 8 User	Up to 200 fps, 8 User
Data export	USB, FTP	
OSD languages	English, German, Spanish, French, Russian, Italian, Japanese, Korean	
Controlprotocols	GANZ-PT, D-Max, Siemens, Mesa-KB, ICK-3000	
Access authorisation	Three user levels, password protection	
Operating environment	0°C - 40°C	
Operating voltage	12VDC & 48VDC (for PoE)	
Dimensions (W × H × D) mm	305 x 298 x 44	
Weight	4,1kg	
Accessories (incl.)	Mouse, remote control, 2 x power supply, CD, manual	

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Harddisks

Order number	Product description
ZRS-HDD500	500GB S-ATA HDD
ZRS-HDD1000	1000GB S-ATA HDD
ZRS-HDD2000	2000GB S-ATA HDD

Connection diagramm example
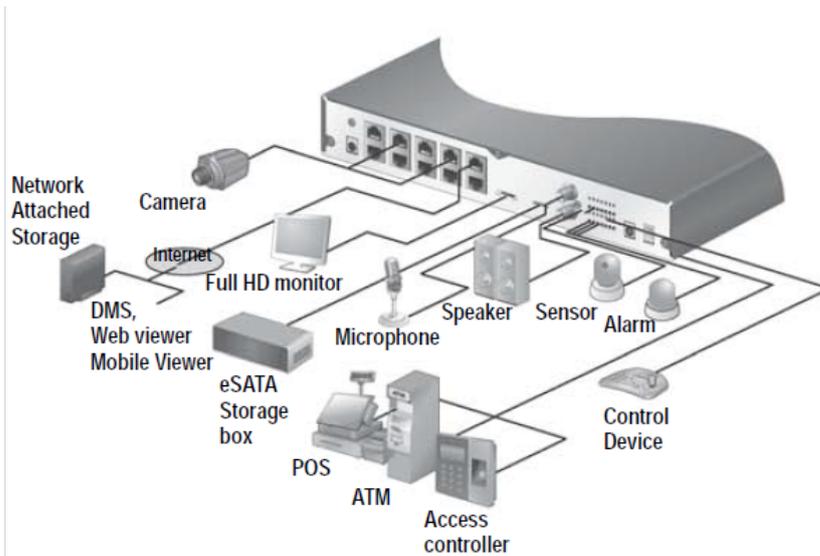
NR8HL Rearview

NR4HL Rearview

Netzworkrecorder NR4/8H**L**

Supported models

Model	Product description	Supported resolutions
ZN-C1	CS-Mount	D1, CIF
ZN-C1M	CS-Mount	720p, D1, CIF
ZN-C2M	CS-Mount	720p, D1, CIF
ZN-D1	Indoor dome, manual Vari-Focus	D1, CIF
ZN-DT1	Outdoor dome, manual Vari-Focus	D1, CIF
ZN-D1MAP	Indoor dome, MFZ, P-Iris	720p, D1, CIF
ZN-DT1MA	Outdoor dome, MFZ	720p, D1, CIF
ZN-DT1MAP	Outdoor dome, MFZ, P-Iris	720p, D1, CIF
ZN-D2MAP	Indoor dome, MFZ, P-Iris	720p, D1, CIF
ZN-DT2MA	Outdoor dome, MFZ	720p, D1, CIF
ZN-DT2MAP	Outdoor dome, MFZ, P-Iris	720p, D1, CIF
ZN-MD221M	Mini-Indoor dome	1080p, 720p, D1, CIF
ZN-MD243M	Mini-Indoor dome	1080p, 720p, D1, CIF
ZN-B1A	IR-Bulletcamera, manual Vari-Focus	D1, CIF
ZN-B1MAP	IR-Bulletcamera, MFZ, P-Iris	720p, D1, CIF
ZN-B2MAP	IR-Bulletcamera, MFZ, P-Iris	720p, D1, CIF
ZN-M2AF	Auto-Focuscamera	1080p, 720p, D1, CIF
ZN-PTZ220M	PTZ-Outdoor dome	1080p, 720p, D1, CIF

MFZ = Motorized Focus and Zoom