

HNR52NP16-32

4K 32-Channel NVR with 16 PoE Ports



NDAA COMPLIANT | **FCC CERTIFIED**

- 32-channel network video recorder, records up to 16MP
- 16 built-in PoE ports
- 4 SATA hard drive bays, up to 20 TB each
- Video outputs: VGA, 1 HDMI

Specifications

VIDEO

Video Input	32 Channels
Recording Resolutions	16MP, 12MP, 8MP, 6MP, 5MP (3072 x 1728/2592 x 1944), 4MP (2688 x 1520/2560 x 1440), 3MP (2304 x 1296/2048 x 1536), 1080p, 720p, D1, VGA, CIF
Output Resolutions	HDMI: 4K (3840 x 2160), 1920 x 1080, 1280 x 1024, 1280 x 720 VGA: 1920 x 1080, 1280 x 1024, 1280 x 720
Live View/Playback Resolutions	16MP, 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 720p, D1, VGA, CIF

DECODING

Format	Smart Encoding H.265+, H.265, Smart Encoding H.264+, H.264, MJPEG
Capability	AI ON: 1-ch@16MP (30 fps)/3-ch@8MP (30 fps)/6-ch@4MP (30 fps)/8-ch@1080p (30 fps)/ 12-channel 1080p (30 fps)/16-channel 720p (30 fps)/ 32-channel D1 (30 fps) AI OFF: 2-ch@16MP (30 fps)/4-ch@8MP (30 fps)/8-ch@4MP (30 fps)/8-ch@1080p (30 fps)/ 16-channel 1080p (30 fps)/ 32-channel 720p (30 fps)
Live View Window Division	1, 4, 9, 16, 25, 36 Views
Synchronous Playback	1, 4, 8, 9, 16 Views
Synchronous Playback	16 Channels

SUPPORTED ANALYTICS BY CAMERA

Smart Motion	32-ch, Smart Motion by Camera 4-ch, Smart Motion by NVR
Video Content Analytics (VCA)	32-ch, Line Crossing by Camera 2-ch, Line Crossing by NVR
Face Recognition	1-ch, human face capture and recognition 8-ch, face picture comparison alarm, (Face picture captured from Camera) Up to 10 face picture libraries, with up to 20,000 face pictures in total
License Plate Recognition	8CH (LPR Camera Required) Two (2) Block List, Two (2) Allow List Up to 20,000 Plate Numbers
Video Metadata	8CH (Analytics by Camera)
Smart Search	16CH (Must be Supported by Camera)

INTERFACE

SATA	4
eSATA	N/A
HDD	Up to 20 TB per HDD
Network	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet Interface
PoE	IEEE 802.3 af/at
USB	Front Panel: 1 x USB 2.0 Rear Panel: 1 x USB 2.0
Serial Port	1 x RS232, 1 x RS485
Alarm	Input: 16 Channels Output: 4 Channels
Audio	Input: 1-Channel RCA Input Output: 1-Channel RCA Output

NETWORK

Bandwidth	Incoming 256 Mbps (180 Mbps with AI enabled) Outgoing Bandwidth 256 Mbps (180 Mbps with AI enabled)
Protocol	HTTP, HTTPS, TCP/IP, IPv4, IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, DDNS
Interoperability	ONVIF, RTSP
PoE Standard	IEEE 802.3 af/at
Client	iOS, Android, Windows, Mac

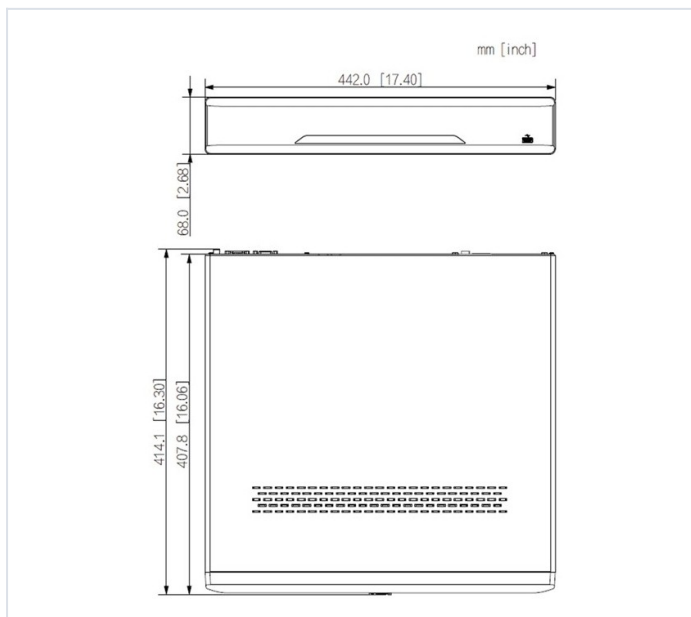
ELECTRICAL

Power Supply	100 to 240 VAC, 50 to 60 Hz
Power Consumption	< 10 W (HDD not included) Total output power of PoE is 150W, the maximum output power of a single port is 25.5W

CONSTRUCTION

Weight	4.7 kg (10.4 lb) Without HDD
Operating Temperature	-10 °C to 55 °C (10 °F to 131 °F) 10% to 93%
Dimensions	442.0 × 414.1 × 68.0 mm (17.4 × 16.3 × 2.7 in.)

DIMENSIONS



CERTIFICATIONS AND COMPLIANCE

Certifications	FCC
Compliance	NDAA