

HNRA20N-64R

8K 64-Channel NVR with RAID



NDAA COMPLIANT | **FCC** CERTIFIED

- 64-channel network video recorder, records up to 32MP
- 8 SATA hard drive bays, up to 20 TB each
- RAID 0, 1, 5, 6, 10 with hot swap
- Video outputs: 2 VGA, 4 HDMI

Specifications

VIDEO

Video Input	64 Channels
Recording Resolutions	32MP, 16MP, 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080p, 720p, D1, VGA, CIF
Output Resolutions	HDMI (4CH) HDMI 1 and 2: 3840 × 2160, 1920 × 1080, 1280 × 1024 HDMI 3: 7680 × 4320, 3840 × 2160, 1920 × 1080, 1280 × 1024 HDMI 4: 1920 × 1080, 1280 × 1024 VGA (2CH): 1920 × 1080, 1280 × 1024 Simultaneous Mode HDMI1/HDMI2/HDMI3/HDMI4 Simultaneous Output VGA1/VGA2 Simultaneous Output HDMI1/VGA1 Simultaneous Output HDMI2/VGA2 Simultaneous Output Spot Output Mode HDMI1/HDMI2/HDMI3/HDMI4 Spot Output
Live View/Playback Resolutions	32MP, 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 1CH at 32MP/24MP (30 fps) 2CH at 16MP/12MP (30 fps) 4CH at 8MP (30 fps) 5CH at 6MP (30 fps) 6CH at 5MP (30 fps) 8CH at 4MP (30 fps) 16CH at 1080p (30 fps) AI Off 2CH at 32MP/24MP (30 fps) 4CH at 16MP (30 fps) 5CH at 12MP (30 fps) 8CH at 8MP (30 fps) 12CH at 5MP (30 fps) 16CH at 4MP (30 fps) 32CH at 1080p (30 fps) 64CH at D1 (30 fps)
Live View Window Division	1, 4, 9, 16, 25, 36, 64 Views
Auxiliary Port Window Division	1, 4, 8, 9, 16, 32 Views
Synchronous Playback	16 views

SUPPORTED ANALYTICS BY CAMERA

Smart Motion	Camera: 64CH (Max. 128 Targets per Second) NVR: 32CH
Video Content Analytics (VCA)	Camera: 64CH (Max. 64 Targets per Second) NVR: 32CH (Simultaneous Output) OR 24CH (Spot Video Output)
Face Recognition	Camera: 64CH NVR: 8CH (Simultaneous Output) OR 5CH (Spot Video Output) Simultaneous Output Face Captured by Camera: 32CH Face Captured by NVR: 8CH Spot Video Output Face Captured by Camera: 16CH Face Captured by NVR: 5CH Up to 40 Face Picture Libraries (Max. 300,000 Pictures Total)
License Plate Recognition	64CH (Max. 64 Targets per Second) One (1) Block List, One (1) Allow List Up to 20,000 Plate Numbers
Smart Search	64CH (Must be Supported by Camera)

INTERFACE

SATA	Eight (8) Ports
eSATA	One (1) Port
HDD	Up to 20TB per HDD
RAID	0, 1, 5, 6, 10 Hot Swap Supported
Network	Two (2) RJ-45 Self-Adaptive Ethernet (10/100/1000/2500 Mbps)
PoE	None
USB	Front Panel: Two (2) x USB 2.0 Rear Panel: Two (2) x USB 3.0
Serial Port	One (1) x RS-232, One (1) x RS-485
Alarm	Input: 16 Channels Output: Eight (8) Channels
Audio	Input: One-Channel RCA Input Output: Two-Channel RCA Output Two-Way Audio Supported

NETWORK

Bandwidth	AI On Incoming/Recording: 640 Mbps Outgoing: 512 Mbps AI Off Incoming/Recording: 1280 Mbps Outgoing: 1024 Mbps
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	Next Viewer

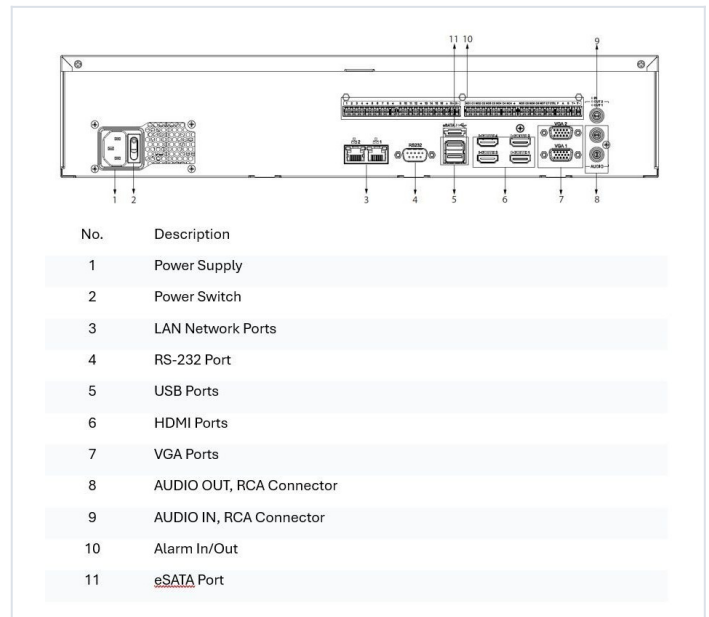
ELECTRICAL

Power Supply	100 to 240 VAC, 50 to 60 Hz
Power Consumption	< 18 W (HDD Not Included)

CONSTRUCTION

Installation Method	Rack- or Desktop-Mount
Housing	2U
Weight	7.2 kg (15.8 lb) Without HDD
Operating Temperature	-10 °C to 55 °C (14 °F to 131 °F) 10% to 93%
Dimensions (W x L x H)	442.0 mm x 457.3 mm x 88.0 mm (17.4 in. x 18.0 in. x 3.5 in.)

REAR PANEL



CERTIFICATIONS AND COMPLIANCE

Certifications	FCC
Compliance	NDAA