

UN-XNR7716

NVR DeepinMind Series



Features and Functions

Human and Vehicle Analysis

Deep learning-based human and vehicle target classification improves false alarm reduction effect

Professional and Reliable

- New logical and visualized GUI design
- Dual-OS design to ensure high reliability of system running
- ANR technology to enhance the storage reliability when the network is disconnected

Video Input and Transmission

- Full channel IP cameras connection
- Connectable to the third-party network cameras

Compression and Recording

- H.265+ compression effectively reduces the storage space and costs by up to 75%
- Full channel recording at up to 12 MP resolution

HD Video Output

- HDMI and VGA independent outputs provided
- HDMI Video output at up to 4K resolution

Storage and Playback

- Up to 4 SATA interfaces for HDD connection
- 16-ch synchronous playback at up to 1080p resolution
- Normal/Important/Custom video playback
- Files management
- HDD health monitoring

Smart & POS Function

- Supports multiple VCA (Video Content Analytics) events
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- POS information overlay on live view and playback
- POS triggered recording and alarm

Network & Ethernet Access

- U-Center for easy network management
- Gigabit Ethernet network interface
- 16 independent PoE network interfaces are provided

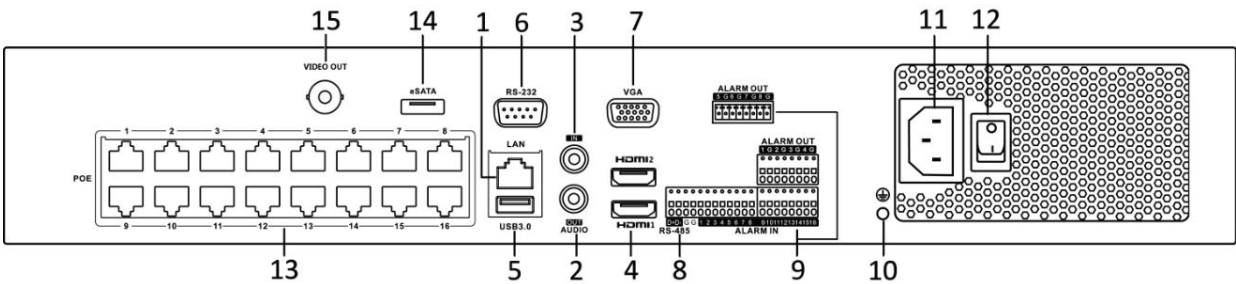


Specifications

Model		UN-XNR7716
Face detection and analysis ¹	Face picture library	16 libraries
		100,000 pictures
	Face picture comparison alarm	16-ch face pictures comparison alarm, Alarm linkage actions: recording, audio warning, notify surveillance center, send email
	Face picture search	Search by picture is supported
	Performance of facial detection and analytics	8-ch human face capture (HD network camera, up to 4 MP, H.264/H.265)
Human/Vehicle analysis ¹	False alarm reduction	Up to 16-ch 2 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm
Video/Audio input	IP video input	16-ch
		Up to 12 MP resolution
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Network	Incoming bandwidth	320 Mbps
	Outgoing bandwidth	256 Mbps
	Remote connection	128
Video/Audio output	Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF
	CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 $\times$ 576, NTSC: 704 $\times$ 480
	HDMI1 output resolution	4K (3840 $\times$ 2160)/60Hz, 4K (3840 $\times$ 2160)/30Hz, 2K (2560 $\times$ 1440)/60Hz, 1920 $\times$ 1080/60Hz, 1600 $\times$ 1200/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1024 $\times$ 768/60Hz
	VGA output resolution	1920 $\times$ 1080/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1024 $\times$ 768/60Hz, HDMI1/VGA Simultaneous Output
	HDMI2 output resolution	1920 $\times$ 1080/60Hz, 1280 $\times$ 1024/60Hz, 1280 $\times$ 720/60Hz, 1024 $\times$ 768/60Hz
	Audio output	1-ch, RCA (Linear, 1 k Ω)
Decoding	Decoding format	H.265/H.265+/H.264/H.264+/MPEG4
	Live view / Playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/2CIF/CIF/QCIF
	Synchronous playback	16-ch
	Capability	16-ch @ 1080p
Network management	Network protocols	TCP/IP, DHCP, U-center, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS
Hard disk	SATA	4 SATA interfaces
	Capacity	Up to 10 TB capacity for each HDD
	eSATA	1 eSATA interface
External	Network interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface

interface	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
	Alarm in/out	16/8
PoE interface	Interface	16 RJ-45 10/100 Mbps self-adapitve Ethernet interfaces
	Power	≤ 200 W
	Supported standard	IEEE 802.3 af/at
General	Power supply	100 to 240 VAC, 50 to 60 Hz
	Total power	≤ 350 W
	Consumption (without hard disk and PoE off)	≤ 30 W
	Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Working humidity	10 to 90 %
	Chassis	19-inch rack-mounted 1.5U chassis
	Dimensions (W × D × H)	445 × 400 ×71 mm (17.5"× 15.7" × 2.8")
	Weight (without hard disk)	≤ 5 kg (11 lb)

Physical Interfaces



Index	Descripton	Index	Descripton
1	LAN Interface	2	AUDIO OUT
3	AUDIO IN	4	HDMI Interface
5	USB 3.0 Interface	6	RS-232 Serial Interface
7	VGA Output (DB9 Connector)	8	RS-485 Serial Interface
9	Controller Port, Alarm In/Alarm Out	10	GND
11	100 to 240 VAC power supply	12	Power Switch
13	Network Interfaces with PoE funciton	14	eSATA Interface
15	VIDEO OUT		

