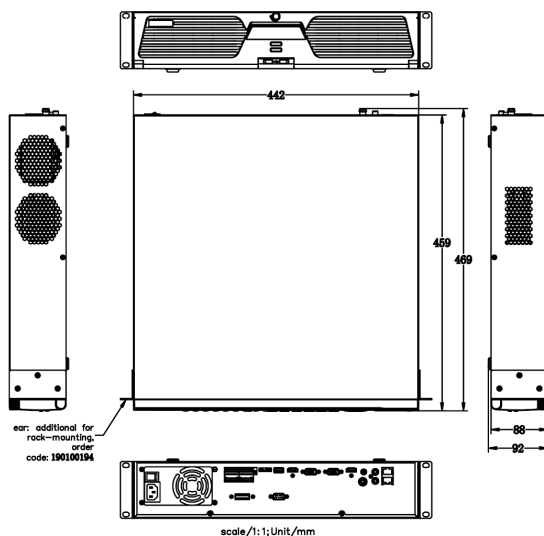


## Smart AI+



### Dimension

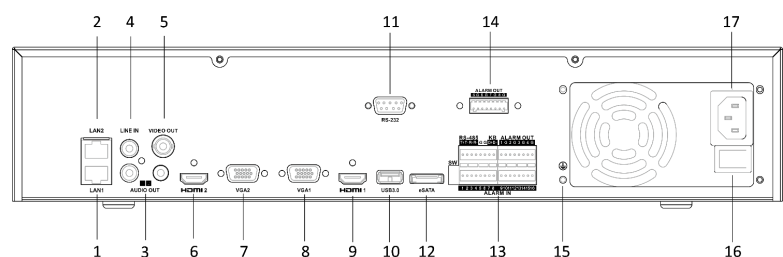


### Smart AI Series NVR

#### Key Feature

- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on deep learning algorithm
- Up to 4-ch perimeter protection
- Up to 1-ch facial recognition for video stream, or up to 4-ch facial recognition for face picture
- Up to 16/32/64-ch IP camera inputs
- Up to 16-ch 1080p decoding capability
- Up to 385 Mbps incoming bandwidth

#### Physical Interface



No.	Description	No.	Description
1	LAN1 interface	10	USB 3.0 interface
2	LAN2 interface	11	RS-232 serial interface
3	AUDIO OUT	12	eSATA interface
4	LINE IN	13	ALARM IN/OUT, RS-485 serial interface, Keyboard
5	VIDEO OUT	14	ALARM OUT
6	HDMI2	15	GND
7	VGA2	16	Power switch
8	VGA1	17	100 to 240 VAC power supply
9	HDMI1		

## Specification

Model	PXNV9016-AI8		PXNV9032-AI8	PXNV9064-AI8
Facial Recognition <sup>1</sup>				
Facial detection and analytics	Face picture comparison,Face detect, human face capture, face picture search, sabotage detect			
Face picture library	Up to 16 face picture libraries, with up to 10,000 face pictures in total (each picture ≤ 15 KB, total capacity ≤ 150 MB)			
Face picture comparison	4-ch face picture comparison alarm			
Performance of facial detection and analytics	1-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)			
Motion Detection 2.0 <sup>1</sup>				
Human/vehicle analysis	16-ch	32-ch	64-ch	
Perimeter Protection <sup>1</sup>				
Human/Vehicle Analysis	Up to 4-ch 2 MP (H.264/H.265) video analysis for human and vehicle recognition; Up to 12 rules in total			
Video and Audio				
IP video input	16-ch	32-ch	64-ch	
	Up to 12 MP resolution *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.			
Incoming bandwidth	385 Mbps			
Outgoing bandwidth	400 Mbps			
Incoming bandwidth (RAID mode)	400 Mbps			
Outgoing bandwidth (RAID mode)	400 Mbps			
HDMI1 output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz			
HDMI2 output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz			
VGA output	2-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz			
Video output mode	HDMI1/VGA simultaneous output, HDMI2/VGA independent output			
Audio output	2-ch, RCA (Linear, 1 KΩ)			
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)			
Decoding				
Video decoding format	H.265+/H.265/H.264+/H.264/MPEG4			
Recording resolution	32ch (up to 30 fps at 1080p) , 20ch (up to 30 fps at 3MP) , 16ch (up to 30 fps at 4MP) , 12ch (up to 30 fps at 5MP) , 10ch (up to 30 fps at 6MP) , 8ch (up to 30 fps at 4K) , 5ch (up to 30 fps at 12MP) , 4ch (up to 30 fps at 16MP) , 2ch (up to 30 fps at 32MP).			

<b>Synchronous playback</b>	16-ch
<b>Capability</b>	16-ch@1080p (30 fps)
<b>Dual stream recording</b>	Support
<b>Stream type</b>	Video, Video & Audio
<b>Audio compression</b>	G.711ulaw/G.711alaw/G.722/G.726/MP2L2/AAC
<b>Network</b>	
<b>Remote connections</b>	128
<b>Network protocol</b>	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, UDP, FTP, ICMP, ARP, Client
<b>Network interface</b>	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
<b>RAID</b>	RAID0, RAID1, RAID5, RAID6, RAID10
<b>API</b>	ONVIF (Profile S, Profile G, T), ISAPI, SDK, ISUP
<b>Auxiliary interface</b>	
<b>Serial port</b>	RS-485 (full-duplex), RS-232, Keyboard
<b>SATA</b>	8 SATA interfaces
<b>Capacity</b>	Up to 22 TB capacity for each disk
<b>eSATA</b>	1 eSATA interface
<b>Alarm in/out</b>	16/8
<b>USB interface</b>	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
<b>General</b>	
<b>Power supply</b>	100 to 240 VAC, 50 to 60 Hz
<b>Consumption (without HDD)</b>	≤ 30 W
<b>Working temperature</b>	-10 °C to 60 °C
<b>Working humidity</b>	10% to 90%
<b>Chassis</b>	2U chassis
<b>Dimension (W × D × H)</b>	442 × 459 × 92 mm (17.4"× 18" × 3.6")
<b>Weight (without HDD)</b>	≤ 8.7 kg (19.2 lb.)