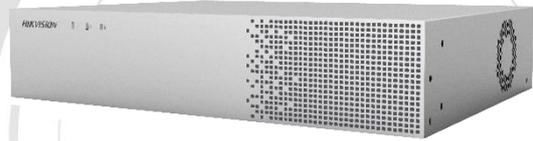# iDS-6704NXI-I/BA (C)
DeepinMind Series NVS

- Up to 4-ch facial recognition for people not wearing hard hat
- Up to 4-ch work event detection
- Up to 4-ch street event detection
- Up to 4-ch people counting
- 2 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
- 4K (4096 × 2160) HDMI output
- Centralized management of network cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc.

▪ Specification

Model		iDS-6704NXI-I/BA
Hard Hat Detection¹	Face Picture Library	16 libraries, 100, 000 pictures
	Face Picture Comparison	Up to 4-ch 4 MP face picture comparison alarm for people not wearing hard hat (HD network camera, up to 8 MP, H.264/H.265)
Work Event Detection¹	Work Event Detection	Up to 4-ch 4 MP, including absence detection, staying overtime detection, number of people exception detection, and playing mobile phone detection (HD network camera, up to 8 MP, H.264/H.265)
Street Event Detection¹	Street Event Detection	Up to 4-ch 4 MP, including people gathering detection, people running detection, physical conflict detection, and people falling down detection (HD network camera, up to 8 MP, H.264/H.265)
People Counting¹	People Counting	Up to 4-ch 4 MP (HD network camera, up to 8 MP, H.264/H.265), including people counting statistics and regional people counting
Video and Audio	IP Video Input	4-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	320 Mbps
	Outgoing Bandwidth	256 Mbps
	HDMI Output	1-ch, 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
	VGA Output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Video Output Mode	HDMI/VGA independent output
	Audio Output	1-ch, RCA (Linear, 1 KΩ)
	Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Decoding	Decoding Format	H.265+/H.265/H.264+/H.264/MPEG4
	Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF /2CIF/CIF/QCIF *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.
	Synchronous playback	4-ch
	Decoding Capability	4-ch@8 MP (30 fps)
	Stream Type	Video, Video & Audio
	Dual-stream	Support
	Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/MP2L2
Network	Remote Connection	128
	Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
	Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Auxiliary Interface	Serial Interface	RS-232
	SATA	1 SATA interface

	Capacity	1 built-in 3.5-inch 2 TB SATA hard disk
	Alarm In/Out	4/1
	USB Interface	Rear panel: 1 × USB 3.0, 1 × USB 2.0
General	Power Supply	12 VDC, 3.33 A
	Consumption	≤ 30 W
	Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Working Humidity	10 to 90 %
	Dimension (W × D × H)	319 × 247 × 70 mm (12.6"× 9.7" × 2.8")
	Weight	≤ 3.9 kg (8.6 lb)
Certification	Obtained Certification	CE, FCC, CB, WEEE, BIS
	FCC	Part 15 Subpart B, ANSI C63.4
	CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

1: Hard hat detection, work event detection, street event detection, and people counting cannot be enabled at the same time. Enable one function will make the others unavailable.

▪Dimension
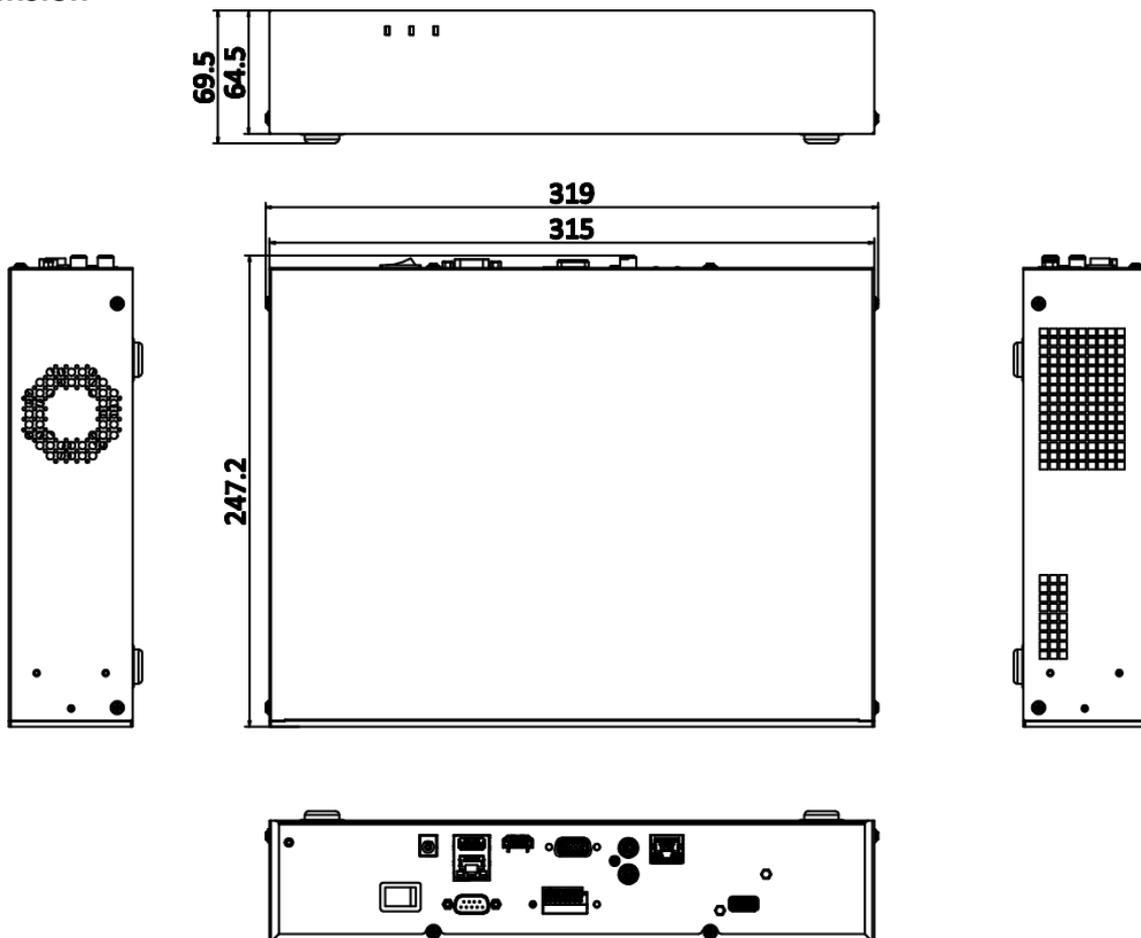
Unit: mm

▪ **Available Model**

iDS-6704NXI-I/BA (C)

▪ **Physical Interface**
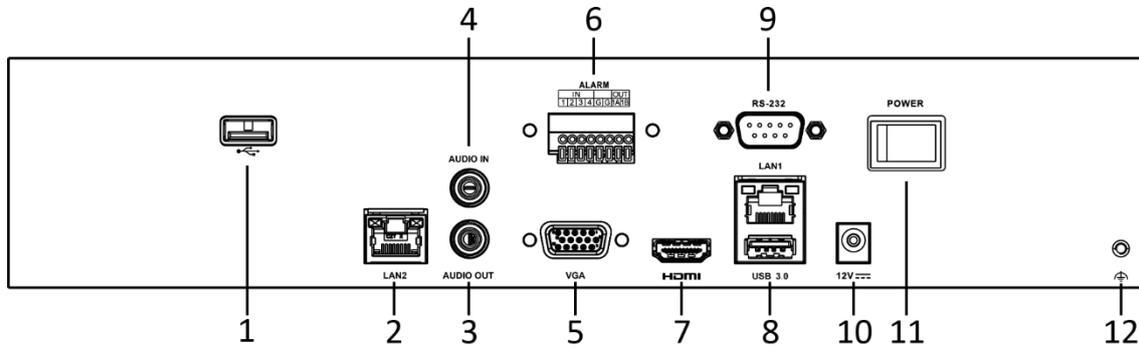
No.	Description	No.	Description
1	USB 2.0 Interface	7	HDMI Interface
2	LAN2 Interface	8	LAN1 and USB 3.0 Interfaces
3	AUDIO OUT	9	RS-232 Interface
4	AUDIO IN	10	Power Supply
5	VGA Interface	11	Power Switch
6	Alarm In/Alarm Out	12	GND

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