iDS-6704NXI-I/BA DeepinMind Series NVS

Key Features

- Deep learning based video analytics for not wearing hard hat detection and behavior analysis, including people running detection, people gathering detection, violent motion detection, using mobile phone detection, etc.

- Facial recognition for people not wearing hard hat

- 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.

- Compatible with third-party network cameras, such as ACTI, Arecont, AXIS, Bosch, Brickcom, Canon, ONVIF, PANASONIC, Pelco, SAMSUNG, SANYO, SONY, Vivotek and ZAVIO
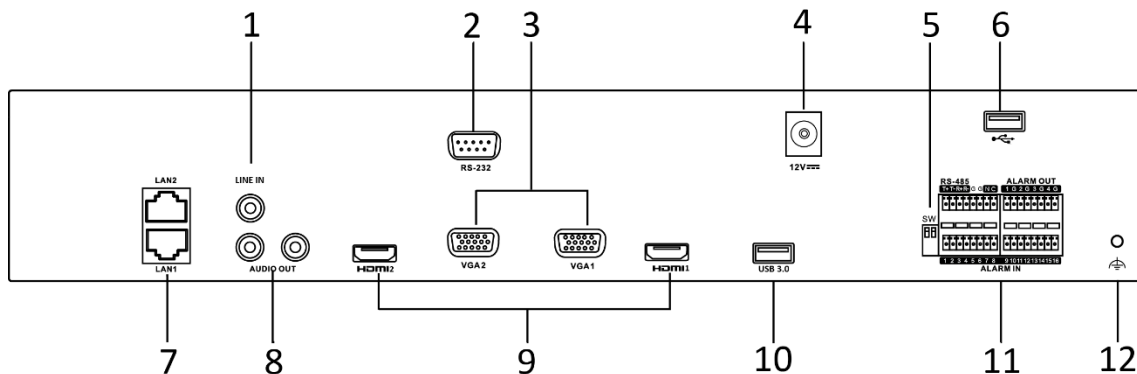
Specifications

Model		iDS-6704NXI-I/BA
Smart Analysis[1]	Not wearing hard hat detection	Up to 4-ch, facial recognition is supported for people not wearing hard hat
	Face picture library	16 libraries
		100, 000 pictures
	Work behavior analysis	Up to 4-ch, including absence/sleep on duty detection people overstay detection, number of people exception detection, and using mobile phone detection
	Street behavior analysis	Up to 4-ch, including people gathering detection, people running detection, violent motion detection, and people falling down detection
	Perimeter protection	Up to 4-ch, including line crossing detection, intrusion detection, region entrance detection, and region exiting detection
Video/Audio output	VGA output	2 × VGA
	HDMI output	2 × HDMI
	Audio output	2-ch, RCA (Linear, 1 KΩ)
Video/Audio input	IP video input	4-ch
	Incoming/Outgoing bandwidth	256 Mbps/200 Mbps
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	4-ch
	Capability	4-ch @ 8 MP
Hard disk	SATA	1, 2.5-inch SATA interface
	Capacity	Up to 1 TB
External interface	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
	Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces
	Serial interface	RS-232; RS-485
	USB interface	Rear panel: 1 × USB 3.0, 1 × USB 2.0
	Alarm in/out	16/4
General	Power supply	12 VDC, 3.33 A
	Consumption (without hard disk)	≤ 30 W
	Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Working humidity	10 to 90 %
	Dimensions (W × D × H)	315 × 65 × 240.8 mm (12.4"× 2.6" × 9.5")
	Weight	≤ 3 kg (6.6 lb)

1: Not wearing hard hat detection, work behavior analysis, street behavior analysis, and perimeter protection cannot be enabled at the same time. Enable one function will make the others unavailable.

Physical Interfaces

Index	Description	Index	Description
1	LINE IN	7	LAN1 and LAN2 Interface
2	RS-232 Interface	8	AUDIO OUT
3	VGA Interfaces	9	HDMI Interfaces
4	Power Supply	10	USB 3.0 Interface
5	SW Dial	11	Alarm In/Alarm Out and RS-485 Interface
6	USB 2.0 Interface	12	GND

Available Model

iDS-6704NXI-I/BA

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