

DS-7716NI-K4 Series NVR

Key Feature

- Up to 16-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 1-ch@12 MP or 2-ch@8 MP or 4-ch@4 MP or 8-ch@1080p decoding capacity
- Up to 160 incoming bandwidth



Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Adopt stream over TLS encryption technology which provides more secure stream transmission service

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 4K resolution

Storage and Playback

- 4 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
- 16-ch synchronous playback

Smart Function

- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.) and ANPR

Network & Ethernet Access

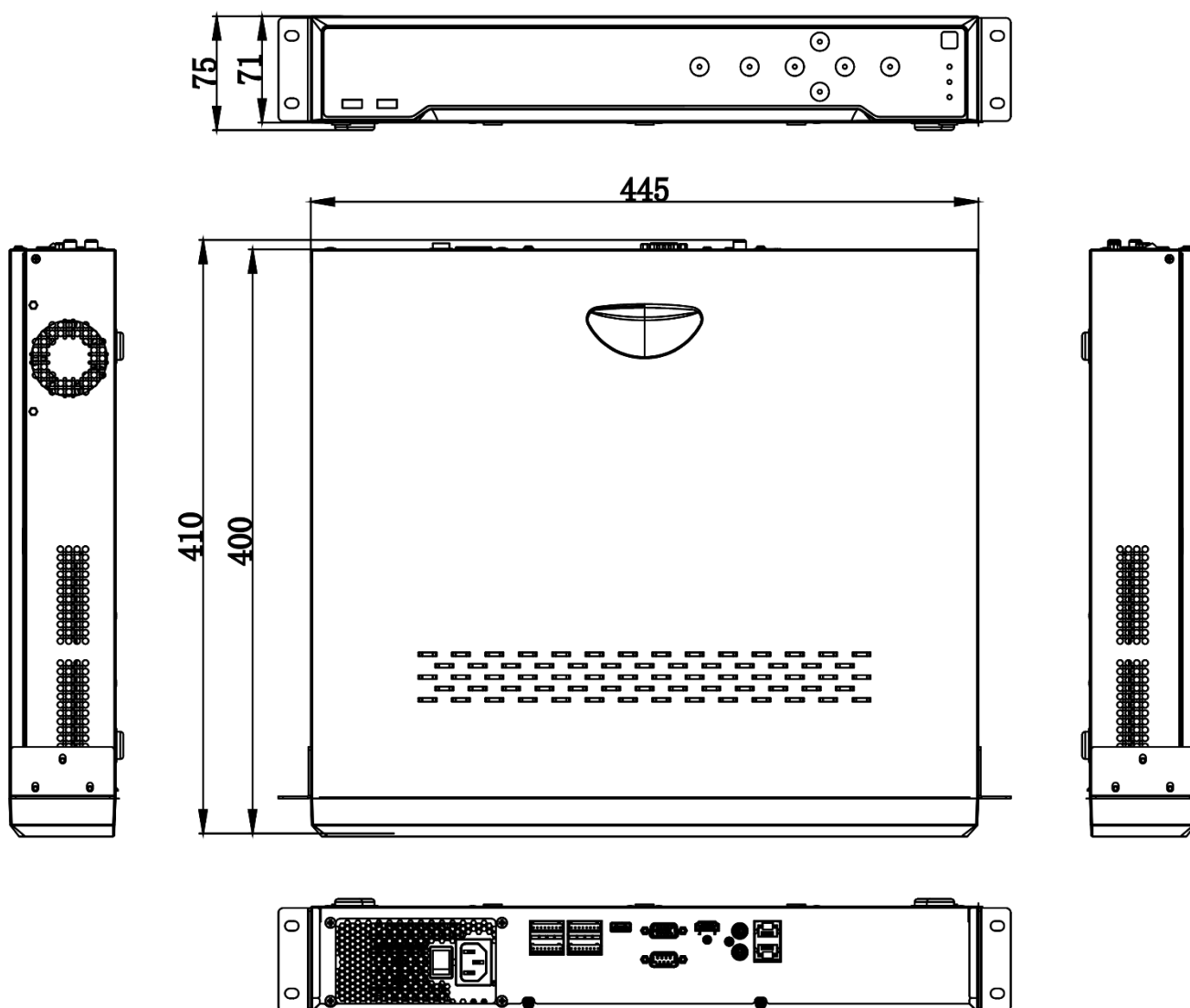
- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect for easy network management

▪ Specification

Video and Audio	
IP Video Input	16-ch
Incoming Bandwidth	200 Mbps
Outgoing Bandwidth	160 Mbps
HDMI Output	1-ch, 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
CVBS Output	N/A
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Decoding	
Decoding Format	H.265/H.265+/H.264+/H.264
Recording 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
Decoding Capability	1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p(30 fps)
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/ACC/MP2L2
Network	
Remote Connection	128-ch
Network Interface	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces
Network Protocol	TCP/IP, DHCP, IPv4, Hik-Connect, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Auxiliary Interface	
SATA	4 SATA interfaces
Capacity	Up to 10 TB capacity for each HDD
Serial Interface	2 RS-485 (half-duplex), 1 RS-232
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm In/Out	16/4 (16/9 is optional)
Ctrl 12V	N/A (optional to support)
DC 12V	N/A (optional to support)
General	
Power Supply	100 to 240 VAC, 50 to 60Hz
Consumption	≤ 20 W (without HDD)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)

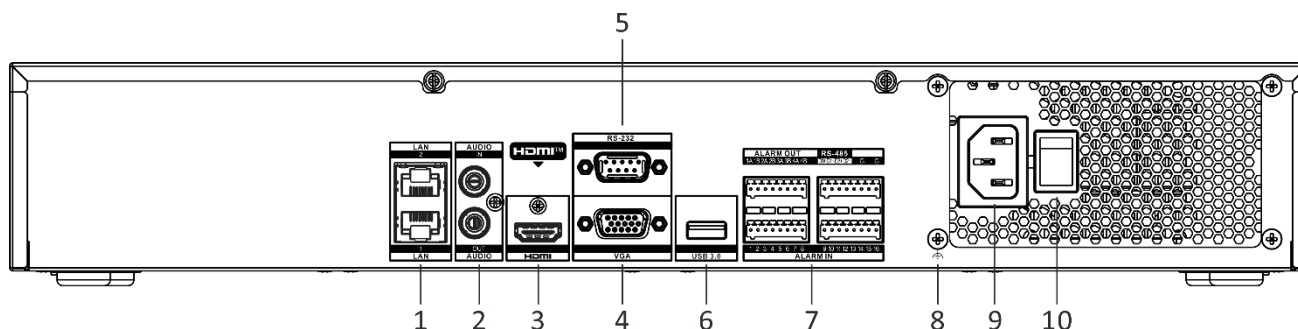
Working Humidity	10 to 90 %
Dimension (W × D × H)	445 × 400 × 75 mm (17.5"× 15.7" × 3.0")
Weight	≤ 5 kg (without HDD, 11 lb.)
Certification	
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017

Dimension



scale/1:1;Unit/mm

Physical Interface



No.	Description	No.	Description
1	LAN1 and LAN2 network interfaces	6	USB 3.0 interface
2	AUDIO IN and AUDIO OUT	7	Alarm in, alarm out, and RS-485
3	HDMI interface	8	GND
4	VGA interface	9	100 to 240 VAC power supply
5	RS-232 serial interface	10	Power switch

Available Model

DS-7716NI-K4

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