

NVR516P16-K2

4K & H.265 16ch POE NVR, max 2 HDD, 1U case



Outstanding Features

Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Dual-OS design to ensure high reliability of system running
- Adopt stream over TLS encryption technology which provides more secure stream transmission service

HD Video Output

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

Storage and Playback

- 2 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
- 8/16-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

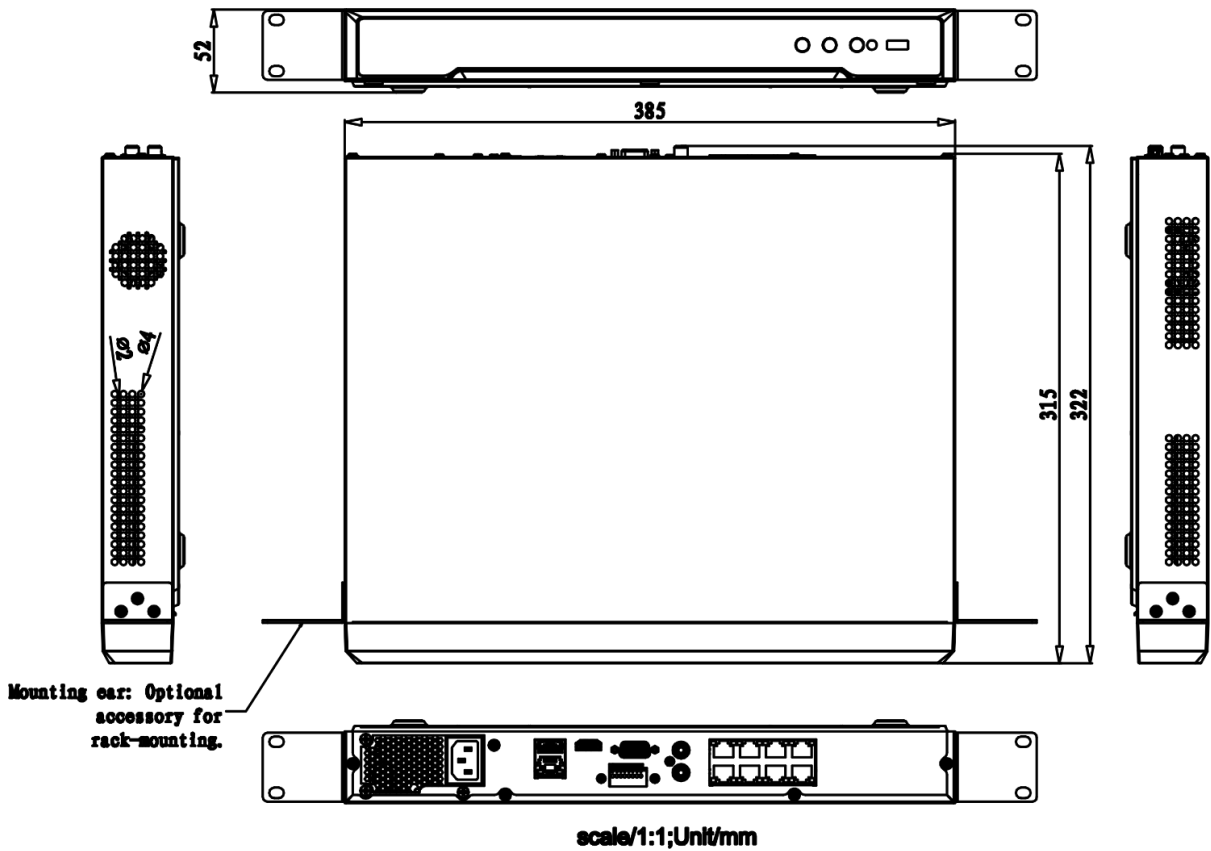
Network & Ethernet Access

- 1 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect for easy network management

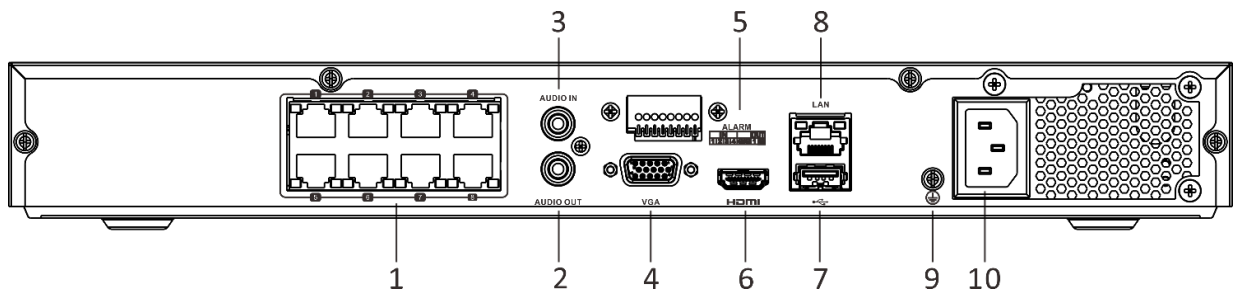
Specification

Video and Audio	
IP video input	16-ch Up to 8 MP resolution
Incoming bandwidth	160 Mbps
Outgoing bandwidth	160 Mbps
HDMI output	1-ch, 4K (4096 x 2160)/30 Hz, 4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz, 1600 x 1200/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz
VGA output	1-ch, 1920 x 1080/60 Hz, 1280 x 1024/60 Hz, 1280 x 720/60 Hz
Video output mode	HDMI/VGA independent output
CVBS output	N/A
Audio output	1-ch, RCA (Linear, 1 KΩ)
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
Decoding	
Decoding format	H.265/H.265+/H.264/H.264+/MPEG4
Recording resolution	8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/ 720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous playback	16-ch
Capability	2-ch@8 MP (25 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
Network	
Remote connection	64-ch
Network protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Network interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE	
Interface	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 200 W
Supported standard	IEEE 802.3 af/at
Auxiliary Interface	
SATA	2 SATA interfaces
Capacity	Up to 10 TB capacity for each disk
Alarm in/out ¹	4/1
USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
General	
Power supply	100 to 240 VAC, 50 to 60 Hz
Consumption (without HDD and PoE off)	≤ 15 W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	10% to 90%
Dimension (W × D × H)	385 × 315 × 52 mm (15.2" × 12.4" × 2.0")
Weight (without HDD)	≤ 3 kg (6.6 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



Interfaces



*: NVR516P16-K2 provide 16 network Interfaces with PoE function.

No.	Description	No.	Description
1	Network Interfaces with PoE function	6	HDMI Interface
2	AUDIO OUT	7	USB 3.0 Interface
3	AUDIO IN	8	LAN Network Interface
4	VGA Interface	9	GND
5	Alarm In/Alarm Out	10	100 to 240 VAC power supply