

## DS-7616NI-K2/16P/4G (C) 4G NVR

### Key Feature

- Up to 16-ch IP camera inputs, plug & play with 16 power-over-Ethernet (PoE) interfaces
- Up to 160 Mbps incoming bandwidth and 80 Mbps outgoing bandwidth
- H.265+/H.265/H.264+/H.264 video compression
- Up to 1-ch@8 MP/3-ch@4 MP/6-ch@1080p decoding capacity
- 4G wireless network
- Support network keep alive, data monitoring, used data real time display, and data usage notification



### Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%

### HD Video Output

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

### Storage and Playback

- 2 SATA interfaces for HDD connection (up to 8 TB capacity per HDD)
- Smart search/smart playback to improve the playback efficiency

### Smart Function

- 4-ch Motion Detection 2.0
- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.)

### Network & Ethernet Access

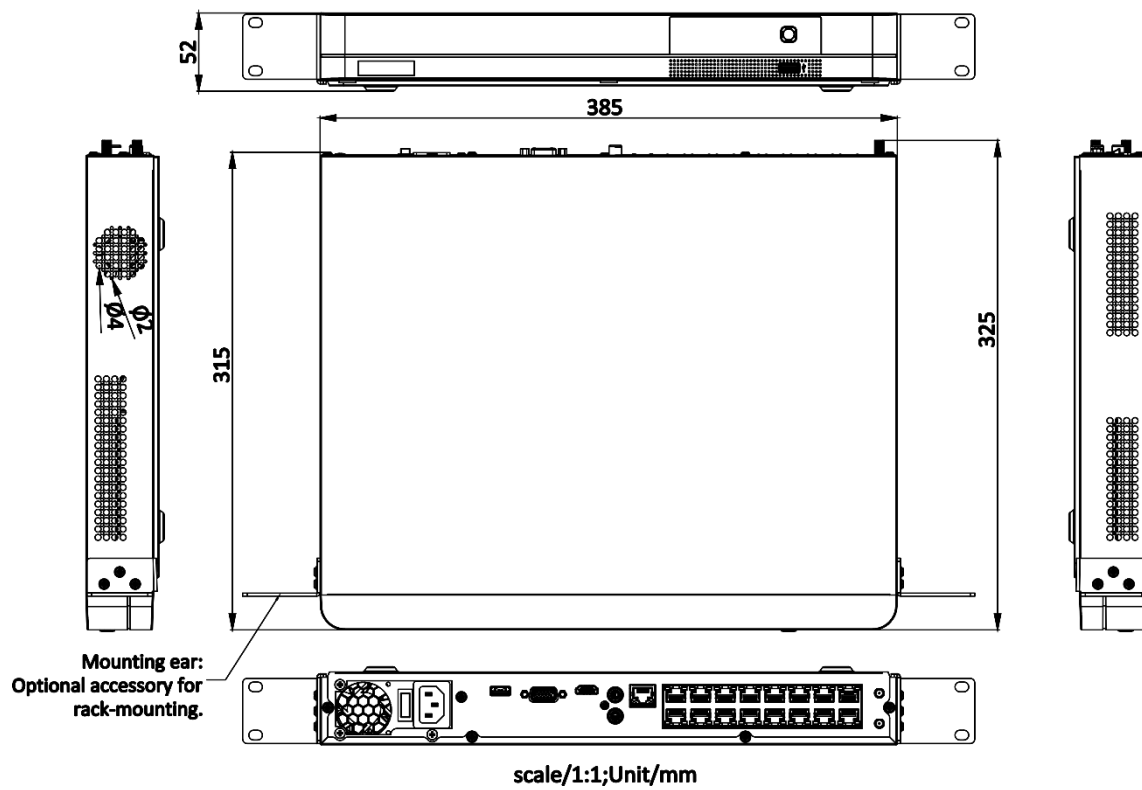
- 16 independent PoE network interfaces
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect for easy network management

## ▪ Specification

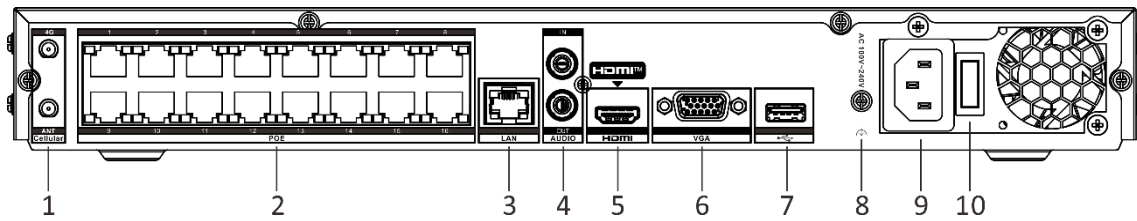
<b>Motion Detection 2.0</b>	
Human/Vehicle Analysis	4-ch
<b>Video and Audio</b>	
IP Video Input	16-ch
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	80 Mbps
HDMI Output	1-ch, 4K (4096 x 2160)/30 Hz, 4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz, 1600 x 1200/60 Hz, 1280 x 1024/60 Hz, 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 simultaneous output
Audio Output	1-ch, RCA (Linear, 1 K $\Omega$ )
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 K $\Omega$ )
<b>Decoding</b>	
Decoding Format	H.265+/H.265/H.264+/H.264
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
Decoding Capability	1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps)
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw,G.711alaw,G.722,G.726,AAC,MP2L2
<b>Network</b>	
Network Interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS
Remote Connection	32
<b>PoE</b>	
Interface	16, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Power	≤ 150 W
Standard	IEEE 802.3 af/at
<b>Wireless Parameter</b>	
SIM/UIM Card Slot	1 micro built-in SIM card slot
SMA Antenna Interface	1 4G interface, antenna module cable length: 3 m 1 ANT interface for GPS antenna (GPS antenna is optional)

Wireless Standard	GSM/EDGE: 850/900/1800MHz WCDMA: B1/B5/B8 LTE-FDD: B1/B3/B5/B7/B8/B20/B28 LTE-TDD: B38/B40/B41
<b>Auxiliary Interface</b>	
SATA	2 SATA interfaces
Capacity	Up to 8 TB capacity for each disk
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
<b>General</b>	
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 15 W (without HDD and PoE off)
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	≤ 3 kg (without HDD, 6.6 lb.)

# Dimension



## Physical Interface



No.	Description	No.	Description
1	Antenna interface	6	VGA interface
2	Network interfaces with PoE function	7	USB interface
3	LAN network interface	8	GND
4	Audio out and audio in	9	Power supply
5	HDMI interface	10	Power switch

## Available Model

DS-7616NI-K2/16P/4G (C)

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