

DS-7600NI-K1 Series NVR

Key Feature

- Up to 4/8/16-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 1-ch@8 MP/5-ch@1080p decoding capacity
- Up to 40/80/160 Mbps incoming bandwidth



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

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

Smart Function

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

Network & Ethernet Access

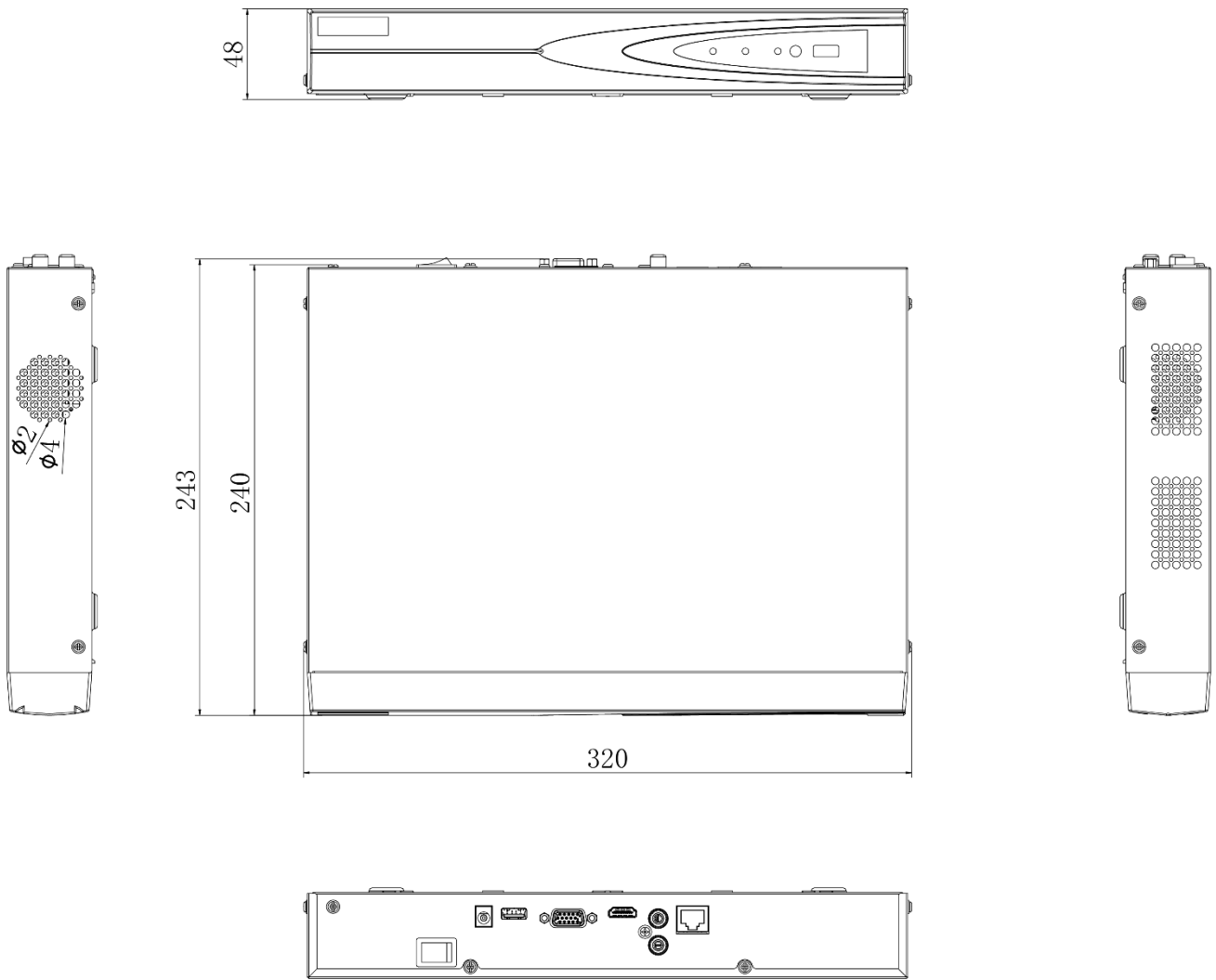
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface for DS-7616NI-K1
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management



Specification

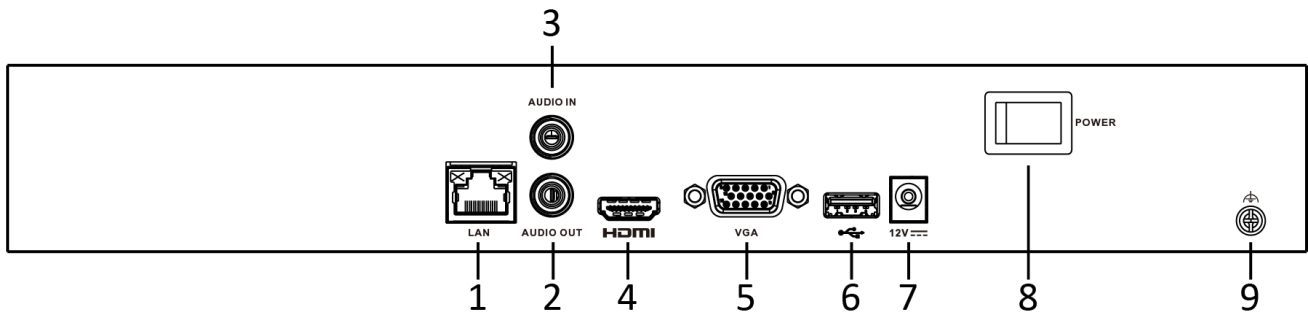
Model	DS-7604NI-K1	DS-7608NI-K1	DS-7616NI-K1
Video and Audio			
IP video input	4-ch	8-ch	16-ch
	Up to 8 MP resolution		
Incoming bandwidth	40 Mbps	80 Mbps	160 Mbps
Outgoing bandwidth	80 Mbps		
HDMI output	1-ch, 4K (4096 x 2160)/30 Hz, 4K (3840 x 2160)/30 Hz, 2K (2560 x 1440)/60 Hz, 1920 x 1080/60 Hz, 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		
CVBS output	N/A		
Audio output	1-ch, RCA (Linear, 1 K Ω)		
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 K Ω , using the audio input)		
Decoding			
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	4-ch	8-ch	16-ch
Capability	1-ch@8 MP (30 fps)/5-ch@1080p (30 fps)		
Stream type	Video, Video & Audio		
Audio compression	G.711ulaw/G.711alaw/G.722/G.726		
Network			
Remote connection	16	64	
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 Mbps self-adaptive Ethernet interface		1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Auxiliary Interface			
SATA	1 SATA interface		
Capacity	Up to 8 TB capacity for each disk		
Alarm in/out	N/A (4/1 is optional)		N/A
USB interface	Front panel: 1 x USB 2.0 ; Rear panel: 1 x USB 2.0		
General			
Power supply	12 VDC, 1.5 A		
Consumption (without HDD)	≤ 10 W		
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)		
Working humidity	10% to 90%		
Dimension (W x D x H)	320 x 240 x 48 mm (12.4" x 9.4" x 1.9")		
Weight (without HDD)	≤ 1 kg (2.2 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	LAN Interface	6	USB Interface
2	AUDIO OUT	7	Power Supply
3	AUDIO IN	8	Power Switch
4	HDMI Interface	9	GND
5	VGA Output (DB9 Connector)		

Available Model

DS-7604NI-K1, DS-7608NI-K1, DS-7616NI-K1

Distributed by



Headquarters

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 [216]521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 [10] 0351172
sale.africa@hikvision.com

Hikvision France
T +33[0]1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-[0]31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com

04302102010708