Hikvision DS-7604NI-K1/4P

4-ch 1U 4 PoE 4K NVR · Specification summary



Human/Vehicle Analysis	1-ch; 4-ch
IP Video Input	4-ch
Incoming Bandwidth	40 Mbps
Outgoing Bandwidth	80 Mbps
HDMI Output	1-ch, 4K (4096 × 2160)/30 Hz, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz
VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz
Video Output Mode	HDMI/VGA simultaneous output
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1kΩ)
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726
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
Decoding Capability	1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30 fps); *: The length or width of camera resolution (each track) cannot exceed 4096 pixels
Remote Connection	32
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
PoE interface	4-ch, RJ-45 10/100 Mbps self-adaptive Ethernet interface
PoE power	≤ 50 W
PoE standard	IEEE 802.3 af/at
SATA	1 SATA interface
Capacity	Up to 8 TB capacity for each disk
USB Interface	2 × USB 2.0
Alarm In/Out	N/A (4/1 is optional)
Power Supply	48 VDC, 1.35 A
Consumption	≤ 10 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)	320 × 240 × 48 mm (12.4" × 9.4" × 1.9")
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

Specifications are summarised from the manufacturer's published information (checked 2026-10-31). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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