



Hikvision DS-7604NI-Q1/4P

· Specification summary

Device class	Network Video Recorder
IP video input	4 channels, up to 8 MP input resolution; not four simultaneous 8 MP decoding channels
Incoming bandwidth	40 Mbps
Outgoing bandwidth	80 Mbps
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; confirm the intended camera and recording mode
Decoding capability	1 channel at 8 MP (30 fps) or 5 channels at 1080p (30 fps), as listed. These are decoding modes, not five camera-input channels; camera input remains 4 channels.
HDMI output	1 channel: 4096 × 2160 at 30 Hz, 3840 × 2160 at 30 Hz, 2560 × 1440 at 60 Hz, 1920 × 1080 at 60 Hz, 1600 × 1200 at 60 Hz, 1280 × 1024 at 60 Hz, 1280 × 720 at 60 Hz. These are display-output modes, not a guarantee of concurrent camera decoding.
VGA output	1 channel: 1920 × 1080 at 60 Hz, 1280 × 1024 at 60 Hz, 1280 × 720 at 60 Hz
Video output mode	HDMI/VGA simultaneous output
CVBS output declaration	N/A in the cited specification
Audio output	1 RCA channel, linear, 1 kΩ
Two-way audio input	1 RCA channel (2.0 Vp-p, 1 kΩ), using the audio input
Synchronous playback	4 channels; not a claim of four simultaneous 8 MP decoding channels
LAN interface	1 RJ-45 10/100 Mbps self-adaptive Ethernet interface; PoE camera ports are separate
PoE interfaces	4 independent RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
Aggregate PoE power budget	≤50 W total; not 50 W per port. Confirm every camera and the combined load.
PoE standard	IEEE 802.3af/at
SATA interfaces	1 SATA interface; HDD not assumed included
Per-disk capacity	Up to 8 TB per disk; confirm the supported drive model and firmware
Power input	48 VDC, 1.35 A as listed; confirm the approved supply
Recorder consumption	≤10 W, without HDD and with PoE off; not the complete powered-camera system consumption
Operating temperature	−10 °C to 55 °C (14 °F to 131 °F)
Operating humidity	10% to 90% as listed
Weight	≤1 kg (2.2 lb), without HDD

Specifications are summarised from the manufacturer's published information (checked 2026-10-19). 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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