

NETWORK VIDEO RECORDER COMPARISON CHART



Levels	VALUE EXPRESS		VALUE	PERFORMANCE	PROFESSIONAL		
Key Features	<ul style="list-style-type: none"> Sold individually and bundled with cameras Simple Plug and Play setup 	<ul style="list-style-type: none"> Sold bundled with cameras only Simple Plug and Play setup 	<ul style="list-style-type: none"> Simple Plug and Play setup Adds long-distance PoE, audio I/O, alarm I/O and arming control input 	<ul style="list-style-type: none"> Most popular NVRs for high performance to cost ratio Higher resolution recording, decoding performance and storage capacity Simple wizard and Plug and Play setup AcuSense human and vehicle detection (NXI series only) 	<ul style="list-style-type: none"> High capacity and mission critical with up to 64 channels, 96 TB and RAID ready with hot-swap support Dual-NIC supports camera network segmentation for greater security N+1 hot spare NVR ready Extensive third-party camera support 	<ul style="list-style-type: none"> Highest capacity and mission critical with up to 256 channels, 288 TB and RAID ready with hot-swap support Quad-NIC supports camera network segmentation for greater security N+1 hot spare NVR ready Extensive third-party camera support Eight HDMI outputs on 128 and 256 channel models 	<ul style="list-style-type: none"> Latest deep learning technology for live facial recognition or human and vehicle detection Filter alarms and searches for faces, humans or vehicles Search multiple channels using pictures of faces or entire humans Works with standard and DeepinView cameras
Series	ERI-Q Series	ERI-K Series	76xx Q Series	76xx/77xx I Series 76xx/77xx NXI Series	96xx I8 Series	96xxx Series Super NVR	96xx NXI Series DeepinMind NVR
IP Video Inputs	4/8	4/8/16	4/8/16	8/16/32	16/32/64	32/64/128/256	32
Maximum Resolution	4 MP	8 MP (4K)	8 MP (4K)	12 MP	12 MP	12 MP	12 MP
Video Compression	H.265/H.265+/H.264/H.264+	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4	H.265/H.265+/H.264/H.264+/MPEG4
Decoding Capability ¹	2-ch @ 2 MP (1080p) 1-ch @ 4 MP	4-ch @ 2 MP (1080p) 2-ch @ 4 MP 1-ch @ 8 MP (4K)	4-ch @ 2 MP (1080p) 2-ch @ 4 MP 1-ch @ 8 MP (4K)	16-ch @ 2 MP (1080p) 8-ch @ 4 MP 4-ch @ 8 MP (4K) 2-ch @ 12 MP	16-ch @ 2 MP (1080p) 8-ch @ 4 MP 4-ch @ 8 MP (4K) 2-ch @ 12 MP	20-ch @ 2 MP (1080p) 10-ch @ 4 MP 5-ch @ 8 MP (4K) 3-ch @ 12 MP	16-ch @ 2 MP (1080p) 8-ch @ 4 MP 4-ch @ 8 MP (4K) 2-ch @ 12 MP
Maximum Incoming Bandwidth (Mbps)	40/60	40/80/160	40/80/160	80/160/256 7732NI-I4/24P: 320	256/320/320 (200 with RAID)	320/512/768/768 (32-ch: 200 with RAID) (64-ch: 400 with RAID)	256
Maximum Outgoing Bandwidth (Mbps)	80	80	80	256 77xxNXI: 200	256 (200 with RAID)	256/512/512/768 (32-ch: 200 with RAID) (64-ch: 400 with RAID)	200
Network Interfaces	1	1	1	1 or 2	2	4	2
Internal SATA	1	4/8-ch: 1 16-ch: 2	4-ch: 1 8/16-ch: 2	76xx: 2 77xx: 4	8	32/64-ch: 16 128/256-ch: 24	8
Maximum HDD Size	6 TB (4-ch: 1 or 2 TB, 8-ch: 2 or 4 TB)	6 TB (1/2/4 TB pre-installed)	6 TB	12 TB	12 TB	12 TB	12 TB
RAID (0, 1, 5, 6, 10)	---	---	---	---	✓	✓	✓
PoE, Max. Range	✓, 100 m	✓, 100 m	✓, 300 m	✓, 300 m	---	---	---
Alarm Input/Output	---	---	4/1	-12: 4/1 -14: 16/4	16/4	16/8	16/4
Arming Control Input	---	---	✓	✓	✓	✓	✓

See technical bulletin "NVR/DVR Output Comparison Chart" for video output information. <https://us.hikvision.com/en/support-resources/documentation/technical-bulletin>

1. Decoding capability relates to the amount of video that can be continuously displayed via the physical video outputs and is not related to recording or streaming capability.

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