



Hikvision DS-9632NI-M8

· Specification summary

Device class	Network Video Recorder
IP camera inputs	32 IP camera input channels. This count is separate from simultaneous decoding and playback limits.
Incoming bandwidth	320 Mbps incoming-bandwidth reference. Camera stream rates and channel limits still apply.
Outgoing bandwidth	400 Mbps outgoing-bandwidth reference; not the available internet connection speed.
Display connections	Two HDMI and two VGA interfaces. Their supported resolutions and output pairings are separate from the camera-input count.
HDMI 1 display modes	HDMI 1 lists 7680 × 4320 at 30 Hz, 3840 × 2160 at 60 or 30 Hz, and lower display modes. This is display output, not an all-camera recording or decoding rate.
HDMI 2 display modes	HDMI 2 lists 3840 × 2160 at 60 or 30 Hz and lower modes. Confirm simultaneous output settings before selecting displays.
VGA display modes	Each VGA output lists 1920 × 1080, 1280 × 1024, 1280 × 720 or 1024 × 768 at 60 Hz.
Display output pairing	HDMI 1 and VGA 1 provide simultaneous main output; HDMI 2 and VGA 2 provide simultaneous auxiliary output. Four connectors do not mean four independent source views.
CVBS video output	One BNC CVBS output, 1.0 Vp-p at 75 Ω: PAL 704 × 576 or NTSC 704 × 480. Separate from IP input resolution.
Audio outputs	Two RCA line-level audio-output channels, 1 kΩ. This is not a built-in microphone or speaker claim.
Two-way audio connection	One RCA two-way audio channel, 2.0 Vp-p at 1 kΩ, using the audio input. Confirm the connected microphone, output device and client.
Video codec reference	H.265+, H.265, H.264+ and H.264 are listed. Confirm camera, client and recorder configuration; no fixed storage saving is guaranteed.
Recording-resolution list	32, 24, 12, 8, 7, 6, 5, 4 and 3 MP, 1080p, UXGA, 720p, VGA, 4CIF, DCIF, 2CIF, CIF and QCIF are listed. This list does not specify simultaneous decoding counts or frame rates.
Synchronous playback	16-channel synchronous playback is listed independently of IP inputs and decoding capacity.
Audio codec reference	G.711ulaw, G.711alaw, G.722, G.726, AAC, MP2L2 and PCM are listed. Confirm the actual stream and client compatibility.
8K display combination limit	In the cited global datasheet, when HDMI 1 is set to 8K, HDMI 2 is limited to 1080p. Do not quote simultaneous 8K plus 4K as an unconditional mode.
Ethernet interfaces	Two self-adaptive 10/100/1000 Mbps RJ45 Ethernet interfaces. No PoE output, automatic link aggregation or doubled recording bandwidth is inferred.

Network protocol reference	The protocol row includes TCP/IP, DHCP, IPv4/IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP, HTTP and HTTPS. This is not an enabled-service or universal interoperability claim.
Remote-access reference	Hik-Connect and DDNS are named in the manufacturer feature list. Account, network, service availability and security configuration require confirmation; no live ISD integration is claimed.
Browser-access reference	Web access without a plug-in is listed. Check the actual browser and installed firmware; this is not a current-browser or security-support guarantee.
Camera analytics reference	The source describes configurable functions with special cameras, including VCA, heat map, ANPR and people counting. This is not proof of recorder-side AI or those functions on every connected camera/channel.
POS function reference	POS information overlay on live view and playback, plus POS-triggered recording and alarm, are listed. Confirm POS interface and configuration; a POS terminal is not assumed included.
SATA connections	Eight SATA interfaces are listed. Drives are not assumed included; interface count is not usable or guaranteed total storage.
eSATA connection	One eSATA interface is listed. Confirm external storage and configuration.
RAID modes	RAID 0, 1, 5, 6 and 10 are listed. Required disks, usable capacity and recovery need confirmation; RAID is not a backup or a no-data-loss guarantee.
Hot-spare feature reference	N+M hot spare is listed as a system feature. Additional recorders, network design and configuration are not assumed included.
Serial connections	One full-duplex RS-485 and one RS-232 interface. Confirm device protocol and wiring.
Alarm connections	16 alarm inputs and nine alarm outputs are listed. Counts do not establish external contact ratings.
USB connections	Front: two USB 2.0 ports. Rear: two USB 3.0 ports. Confirm supported peripherals and export workflow.
Controlled alarm power output	Ctrl 12V is a controllable 12 V DC, 1 A output for an external alarm device, controlled by alarm output nine. It is not the recorder mains power input.
DC auxiliary power output	A separate 12 V DC, 1 A output is listed. This is an output, not a 12 V recorder-input requirement.
Dual-stream recording reference	Dual-stream recording is listed. Actual camera streams, bandwidth and retention depend on configuration.
SATA hot-plug reference	The cited global datasheet describes the eight SATA interfaces as supporting hot-plug. Confirm the supplied hardware, disks and supported procedure before replacing a drive.
Solar-camera transport reference	The cited global datasheet names OTAP connection for a solar-powered camera, with stream requested by the user and video returned according to schedule. Confirm exact camera, firmware and workflow; not universal solar-camera support.
AC power input	100-240 V AC, 50-60 Hz. Distinct from the 12 V auxiliary outputs.
Diskless consumption	At most 50 W without HDDs. Do not use this as the loaded recorder or UPS power budget.
Operating temperature	-10 to +55 °C. Confirm enclosure ventilation and actual operating conditions.

Working humidity	10–90% humidity is listed. No additional condensation or outdoor-protection rating is inferred.
Chassis reference	2U chassis. Rack accessories, mounting depth, cable clearance and ventilation require confirmation.
Stream transport reference	Stream-over-TLS technology is listed. Confirm firmware and enabled settings; this is not an all-connections encryption or security-certification claim.
Playback verification reference	Double verification for playback and downloading is listed. Confirm the actual configuration; no deployed authentication workflow is claimed.
Diskless weight	At most 10 kg without HDDs. This is not a packaged shipping weight or the separate 64-channel model weight scope.

Specifications are summarised from the manufacturer's published information (checked 2026-10-20). 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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