



Hikvision DS-3E1309P-EI

· Specification summary

Device class	Smart Managed 8-Port 100 Mbps PoE Switch
Port layout	8 × 100 Mbps PoE RJ45 ports plus 1 separate Gigabit network RJ45 port as listed. The eight PoE ports are Fast Ethernet; the single Gigabit uplink is copper RJ45, not SFP.
Port interface	RJ45 ports, full duplex and MDI/MDI-X adaptive operation as described. Confirm the intended connected equipment and cable.
Network standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x and IEEE 802.3ab as listed. These network standards are separate from PoE power standards.
Forwarding method	Store-and-forward switching as listed. Confirm the intended traffic and connected equipment.
Working modes	Standard mode (default) and Extend mode are listed. Confirm the applicable cable, camera, speed and powered-load limits before using Extend mode; a mode name is not an installed-distance guarantee.
MAC address table	16 K as listed, not a camera-channel or concurrent-user limit.
Switching capacity	3.6 Gbps switching capacity as listed, not an individual port speed or Internet-service speed.
Packet forwarding rate	2.6784 Mpps as listed. Retain the source precision; actual traffic performance depends on the intended system.
Internal cache	4 Mbits as listed. Retain the bit unit; no conversion to megabytes is assumed.
PoE standards	Ports 1 to 8: IEEE 802.3af and IEEE 802.3at as listed. Confirm powered-device compatibility and load; this reference does not establish IEEE 802.3bt or passive PoE.
PoE port power	Ports 1 to 8: maximum 30 W per port as listed. These maxima are not available on all ports simultaneously; the shared output budget also applies.
Total PoE budget	110 W total PoE output budget as listed. Compare the combined powered-device load; this is separate from input power and switch consumption.
Power input	48 V DC, 2.5 A as listed. Confirm the correct adapter and supplied package; this input rating is not the total PoE output.
Maximum consumption	120 W maximum power consumption as listed. The separate Power source row lists the same wattage; neither row is the PoE output budget.
Device maintenance	Remote upgrade, default-parameter recovery, log viewing and basic network-parameter configuration are documented. Confirm firmware, software, reachability and account permissions before use.
Topology display	Topology display is described. Confirm the compatible client platform, firmware and network visibility; a display function is not an automatic service or connectivity guarantee.
Port configuration	Port rate, flow control and switch configuration are listed. Confirm the settings on the exact firmware and client platform; no additional configuration function is inferred.

Device status alarms	Device status, PoE_MAX and PoE status alarms are listed. Confirm the compatible client, firmware, account permissions and alarm configuration; no delivery or monitoring-service promise is implied.
Client management	Client management is listed. Confirm the applicable client software, firmware, network access and permissions; a specific platform or current connection is not established here.
Port statistics	Real-time transmitting/receiving rate statistics and 7-day transmitting/receiving peak-rate statistics are described. Confirm client and firmware requirements; peak-rate history is not a continuous traffic-recording guarantee.
Software monitoring	The cover describes network topology management, network health monitoring, real-time alarm push, and video control and preview. Confirm compatible client software, firmware, network access and camera support; these descriptions are not an active monitoring service or an NVR channel specification.
Housing	Metal material and fan-free design as listed. Confirm ventilation and fitting; an outdoor or ingress-protection rating is not established here.
Net weight	0.35 kg (0.77 lb) net as listed. This is not gross shipping weight; confirm the actual unit and supplied package.
Operating temperature	-10 °C to 55 °C (14 °F to 131 °F) as listed. Confirm the powered load, ventilation and actual operating environment.
Storage temperature	-40 °C to 85 °C (-40 °F to 185 °F) as listed. Storage limits are not operating limits.
Humidity	Operating humidity and storage humidity each list 5% to 95%, no condensation. The two conditions are separate; this is not weatherproofing.

Specifications are summarised from the manufacturer's published information (checked 2026-10-18). 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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