



Hikvision DS-3E1310HP-EI

· Specification summary

Device class	Smart Managed 8-Port 100 Mbps Hi-PoE Switch
Port layout	8 × 100 Mbps PoE RJ45 ports plus 2 separate Gigabit network RJ45 ports. The Gigabit connections are copper RJ45, not SFP; the eight PoE ports are not Gigabit ports.
Forwarding method	Store-and-forward switching as listed. Confirm the traffic and connected equipment required for the intended system.
MAC address table	16 K as listed, not a concurrent-user or camera-channel limit.
Internal cache	4 Mbits as listed. Retain the bit unit; no conversion to bytes is assumed.
PoE standards	IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt are listed. Confirm the exact powered-device requirements and port limits; this does not mean every port supplies the highest power or that passive PoE is supported.
PoE port power	Hi-PoE ports 1 and 2: maximum 90 W per port; PoE ports 3 to 8: maximum 30 W per port, as listed. These maxima are not available on all ports simultaneously; the shared total PoE budget also applies.
Total PoE budget	110 W total PoE output budget as listed. Compare the combined powered-device load; this is separate from the input rating and switch consumption.
Power input	54 V DC, 2.22 A as listed. Confirm the correct adapter and supplied package; the input rating is separate from PoE output.
Maximum consumption	120 W maximum power consumption as listed, not the PoE output budget.
Idle consumption	4 W idle power consumption as listed, not the maximum connected-device demand.
Device maintenance	Remote upgrade, default-parameter recovery, log viewing and basic network-parameter configuration are documented. Confirm the exact firmware, compatible software, network access and account permissions before use.
Port configuration	Port rate, flow control and switch configuration are listed. Confirm the actual settings on the exact firmware and management platform; no additional configuration function is inferred.
Software monitoring	Network topology management, alarm push and network health monitoring are described. Confirm compatible software, firmware, network access and account permissions; this is not an active monitoring-service promise.
Housing	Metal material, IP40 as listed. Confirm ventilation and site suitability; this is not an outdoor or weatherproof claim.
Weight reference	Net: 0.550 kg (1.21 lb); gross: 0.950 kg (2.09 lb), separately listed. Confirm the actual unit and package; gross weight is not installed-device weight.
Dimensions	W × H × D: 217.6 × 27.8 × 103.35 mm (8.56 × 1.09 × 4.06 in), as listed and consistent with the body axes in the dimension drawing. Confirm fitting and clearance.

Storage temperature	-40 °C to 85 °C (-40 °F to 185 °F) as listed. Storage limits are not operating limits.
Humidity	Operating Humidity and the separate Relative Humidity row each list 5% to 95%, no condensation. This is not weatherproofing.
Mounting reference	Desk mounting or wall mounting as listed. Confirm mounting parts, ventilation and clearances; accessory inclusion is not assumed.
Surge reference	6 kV surge protection for PoE ports is described. This is not a complete site lightning-protection design or a no-damage guarantee.

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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