



Hikvision DS-3E0508D-O

· Specification summary



Device class	8-Port Gigabit Plastic Switch
Ethernet ports	8 RJ45 Ethernet ports supporting 10/100/1000 Mbps as listed. Plan all device and router connections within this total; no extra dedicated uplink is inferred.
Cable crossover	MDI/MDIX support is listed. Confirm the intended cabling and link requirements.
Switching method	Store-and-forward switching is documented. Actual traffic performance depends on the connected network.
MAC learning	MAC address auto-learning and aging are listed.
MAC address table	4 K as listed. This is a manufacturer table entry, not a concurrent-user limit.
Switching capacity	16 Gbps as listed. Keep this separate from packet forwarding and Internet service speed.
Packet forwarding rate	11.90 Mpps as listed. This is the manufacturer packet-forwarding reference, not a line-rate application guarantee.
Internal cache	1.5 Mbits as listed. The source uses Mbits; this is not a megabyte value.
Housing material	ABS housing as listed. No outdoor or ingress-protection rating is inferred.
Net weight	0.093 kg (0.205 lb) as listed. Confirm the supplied unit and mounting load; this is not packaged gross weight.
Dimensions	W × H × D: 124.00 × 25.00 × 61.00 mm (4.88 × 0.98 × 2.40 in) as listed; the p4 drawing shows the same three overall dimensions. Confirm mounting space and cable clearance.
Mounting reference	The cover lists desktop and wall-mounting support; the specification lists Desk-Mounted. Confirm the actual mounting method, fixings and clearances with ISD; no screws or brackets are assumed included.
Operating temperature	0 °C to 40 °C (32 °F to 104 °F) as listed. Confirm ventilation, power and actual site conditions.
Storage temperature	-40 °C to 85 °C (-40 °F to 185 °F) as listed. Storage limits are not operating limits.
Humidity	Operating humidity: 5% to 95%, no condensation; Relative Humidity: 5% to 95%, no condensation as separately labelled in the source. No outdoor/weatherproof suitability is inferred.
Power input	5 V DC, 1 A as listed. Confirm the correct adapter for the supplied unit; this input rating is not a PoE output budget.
Maximum power consumption	5 W as listed. This is the switch consumption reference, not a PoE budget or output available to connected devices.
Surge reference	2 kV as listed. No waveform, installation protection scheme or guarantee against lightning damage is established by this entry.

Network indicator reference	LINK/ACT indicates the status of Gigabit RJ45 ports 1 to 8; PWR indicates switch power status as listed. See the manufacturer physical-interface drawing for the supplied unit.
Power connection reference	The manufacturer interface note says to use the attached power adapter or power cord to connect the switch to a socket. Confirm the actual ISD-supplied package and local adapter; this is not an ISD inclusion commitment.

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.

IS Distributions Sdn. Bhd., Kuching, Sarawak · <https://www.isdsb.com.my/product-hikvision-network-ds-3e0508d-o.html>