



Hikvision DS-3E0510P-E

Unmanaged Gigabit PoE network switch · Specification summary

Device class	8 Port Gigabit Unmanaged PoE Switch
PoE access ports	Eight 10/100/1000 Mbps Ethernet ports
Uplinks	One Gigabit RJ45 and one Gigabit SFP port
PoE standard	IEEE 802.3af and 802.3at
Enclosure	Metal material; fan-free design.
Net weight	0.6 kg.
Gross weight reference	1.4 kg in the manufacturer packaging reference.
Dimensions (W x H x D)	217.6 x 27.8 x 108.55 mm.
Operating temperature	0 to 40 °C.
Storage temperature	-40 to 85 °C.
Operating humidity	5% to 95%, non-condensing.
DC supply reference	48 V DC, 2.5 A. Confirm the adapter included in the quotation.
Maximum device consumption	120 W maximum device consumption, distinct from the 110 W PoE budget.
Idle consumption reference	10 W.
Mounting	Desk-mounted or wall-mounted; confirm the mounting hardware.
Surge protection reference	6 kV; this is not an outdoor ingress-protection rating.
MAC address table	4 K entries.
Switching capacity	20 Gbps.
Packet forwarding rate	14.88 Mpps.
Internal cache	1.5 Mbits.
PoE power pins	End-span: 1/2(+), 3/6(-).
PoE port allocation	Ports 1 to 8.
Maximum PoE port power	30 W per-port reference, subject to the total PoE budget.
Total PoE budget	110 W total PoE budget; eight 30 W port ratings are not a simultaneous 240 W supply.

Specifications are summarised from the manufacturer's published information (checked 2026-10-21). 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-3e0510p-e.html>