



Hikvision DS-3E1318P-EI/M

· Specification summary



Device class	16-Port 10/100M PoE
Port layout	16 × 10/100 Mbps PoE ports, 1 Gigabit combo and 1 separate Gigabit RJ45 port as listed. The PoE connections are Fast Ethernet; these are not two independent combo uplinks. Confirm required media, compatible modules and combo use; module inclusion is not assumed.
MAC address table	16 K as listed, not a camera-channel or concurrent-user limit.
Internal cache	4 Mbits as listed. Preserve the bit unit; no conversion to megabytes is assumed.
High-priority ports	Ports 1 to 8: data on VIP ports is preferentially forwarded when bandwidth resources are insufficient, as described. Confirm the intended traffic and configuration; priority is not a guaranteed bandwidth, latency or delivery allocation.
PoE standards	IEEE 802.3af and IEEE 802.3at as listed. Confirm powered-device compatibility and load; IEEE 802.3bt and passive PoE are not established.
PoE port power	Ports 1 to 16: 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	130 W total PoE output budget as listed, separate from input power and switch consumption. Compare the combined powered-device load.
Maximum consumption	150 W maximum power consumption as listed, separate from the shared PoE output budget. Confirm the actual supplied configuration and connected-device load.
Idle consumption	20 W idle power consumption as listed, not the maximum connected-device demand.
Housing	Metal material as listed. Confirm ventilation and site suitability; a fan-free or outdoor rating is not established.
Weight reference	Net: 1.8 kg (4.0 lb); gross: 3.0 kg (6.6 lb), separately listed. Confirm the actual device and package; gross weight is not installed-device weight.
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.
Surge reference	6 kV surge protection for PoE ports is described. Confirm complete system protection; this is not a site lightning-protection or no-damage guarantee.
Mounting reference	Rack mounting is described. Confirm the actual mounting ears, fittings, clearances and ISD package before ordering; accessory inclusion is not assumed.
Software monitoring	Network topology management, alarm push and network health monitoring are described. Confirm compatible software, firmware, network reachability and permissions; this is not a currently connected monitoring service.

Hik-Partner Pro management	Hik-Partner Pro one-click activation and remote management are documented: port-rate, bandwidth-use, PoE-use, topology and alarm displays; port/device restart, long-range-mode enablement and remote device upgrade. Confirm firmware, platform availability, network reachability and permissions. Enabling a mode does not establish an installed-distance guarantee.
Link aggregation	Static link aggregation with 1 aggregation group is documented for combining physical ports into a logical port for load balancing, bandwidth expansion and port protection. Configure compatible settings at both ends; the group count does not specify ports per group or automatic negotiation.
PoE watchdog	Ports 1 to 16: automatic detection and restart of cameras that do not respond, as described. Confirm camera compatibility and settings; restarting interrupts service and does not guarantee recovery or continuous recording.

Specifications are summarised from the manufacturer's published information (checked 2026-10-19). 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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