DS-3E0520HP-E
16 Port Gigabit Unmanaged PoE Switch

- 12 × gigabit PoE port, 4 × gigabit Hi-PoE port, 2 × gigabit RJ45 port, and 2 × gigabit fiber optical port.
- IEEE 802.3at/af/bt standard for Hi-PoE ports (Max. 90 W PoE output).
- IEEE 802.3at/af standard for PoE ports (Max. 30 W PoE output).
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, and IEEE 802.3z standard.
- 6 kV surge protection for PoE ports.
- Up to 300 m long-range transmission.
- PoE watchdog to auto detect and restart the cameras that do not respond.
- Port isolation to improve network security.
- Gigabit network access design.
- Wire-speed forwarding.
- Store-and-forward switching.
- Solid high-strength metal shell.

▪ Specification

Model		DS-3E0520HP-E
General	Shell	Metal material
	Net Weight	2.79 kg (6.15 lb)
	Gross Weight	3.60 kg (7.94 lb)
	Dimensions (W × H × D)	440.0 mm × 44.0 mm × 220.8 mm (17.3'' × 1.7'' × 8.7'')
	Operating Temperature	0 °C to 45 °C (32 °F to 113 °F)
	Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
	Operating Humidity	5% to 95% (no condensation)
	Relative Humidity	5% to 95% (no condensation)
	Power Supply	100~240 V AC, 50/60 Hz, Max. 4 A
	Max. Power Consumption	250 W
	Power Consumption in Idle	25 W
	Installation Mode	Rack (equipped with mounting ears)
	Surge Protection	6 kV
Network Parameters	Ports	16 × Gigabit PoE port,2 × Gigabit RJ45 port,2 × Gigabit fiber optical port
	MAC Address Table	8 K
	Switching Capacity	40 Gbps
	Packet Forwarding Rate	29.76 Mpps
	Internal Cache	4.10 Mbits
PoE Power Supply	PoE Standard	IEEE 802.3af,IEEE 802.3at,IEEE 802.3bt
	PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
	PoE Port	Hi-PoE: Ports 1 to 4 PoE: Ports 5 to 16;
	Max. Port Power	90 W
	PoE Power Budget	225 W
Dialing Function	Long Range	Ports 13 to 16: up to 300 m Long range performance may vary depend on camera model or cable condition.
	Port Isolation	Ports 1 to 16: port isolation mode to improve network security. Ports in an isolation group cannot communicate with each other, but they can communicate with ports outside the isolation group.
	PoE Watchdog	Ports 1 to 16: auto detect and restart the cameras that do not respond.
Approval	EMC	FCC (47 CFR Part 15, Subpart B),CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020),IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)
	Safety	UL (UL 60950-1),CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)
	Chemistry	CE-RoHS (2011/65/EU)

▪ Available Model

DS-3E0520HP-E

▪ Accessory

▪ Optional

HK-SFP-1.25G-20-1550 SFP Module	HK-SFP-1.25G-20-1310 SFP Module	HK-SFP-1.25G-1310-DF-MM SFP Module	HK-SFP-1.25G-20-1310-DF SFP Module

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