DS-3E0510HP-E
8 Port Gigabit Unmanaged PoE Switch



- 6 × gigabit PoE port, 2 × gigabit Hi-PoE port, 1 × gigabit RJ45 port, and 1 × 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.
- Reliable fan-free design.

▪ Specification

General	
Shell	Metal material, fan-free design
Net Weight	0.59 kg (1.30 lb)
Dimensions (W × H × D)	217.6 mm × 108.55 mm × 27.8 mm (8.57'' × 4.27'' × 1.09'')
Gross Weight	0.71 kg (1.57 lb)
Operating Temperature	0 °C to 40 °C (32 °F to 104 °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	54 V DC, 2.22 A
Max. Power Consumption	120 W
Power Consumption in Idle	10 W
Installation Mode	Desk-Mounted
Surge Protection	6 kV
Network Parameters	
Ports	8 × Gigabit PoE port,1 × Gigabit RJ45 port,1 × Gigabit fiber optical port
MAC Address Table	4 K
Switching Capacity	20 Gbps
Packet Forwarding Rate	14.88 Mpps
Internal Cache	1.5 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 2 PoE: Ports 3 to 8
Max. Port Power	Ports 1 and 2: 90 W Ports 3 to 8: 30 W
PoE Power Budget	110 W
Dialing Function	
Long Range	Ports 7 to 8: up to 300 m Long range performance may vary depend on camera model or cable condition.
Port Isolation	Ports 1 to 8: port isolation mode to improve network security.
PoE Watchdog	Ports 1 to 8: 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

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▪ 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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