

**DS-3E0310HP-E**  
**8 Port Fast Ethernet Unmanaged PoE Switch**

- Intelligent PoE Management
- Up to 300 m Long Range PoE Transmission
- IEEE 802.3bt Standard Hi-PoE, Max. 90 W for One Port
- 4/8-Core Adaptive Power Supply with Less Power Loss
- 6 kV Surge Protection to Improve Reliability in Harsh Environment

## ▪ Specification

Model		DS-3E0310HP-E
General	Shell	Metal material, fan-free design
	Net Weight	0.55 kg (1.21 lb)
	Gross Weight	1.22 kg (2.69 lb)
	Dimensions (W × H × D)	217.6 mm × 27.8 mm × 103.55 mm (8.6" × 1.1" × 4.1")
	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	48 V DC, 2.5 A
	Max. Power Consumption	120 W
	Power Consumption in Idle	10 W
	Installation Mode	Wall-Mounted, Desk-Mounted
	Surge Protection	6 kV
Network Parameters	Ports	8 × 10/100 Mbps PoE port, 2 × Gigabit RJ45 port
	MAC Address Table	8 K
	Switching Capacity	5.60 Gbps
	Packet Forwarding Rate	4.17 Mpps
	Internal Cache	4 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(-)
	Max. Port Power	Port 1: 90 W Ports 2 to 8: 30 W
	PoE Port	Hi-PoE: Port 1 PoE: Ports 2 to 8
	PoE Power Budget	110 W
Dialing Function	Long Range	Ports 1 to 8: up to 300 m. Long range performance may vary depend on camera model or cable condition.
Software Function	VIP Port	Ports 1 to 8: data on VIP ports is preferentially forwarded when bandwidth resources are insufficient.
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-3E0310HP-E

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