

DS-3E0109P-E/M(B) 8 Port Fast Ethernet Unmanaged PoE Switch



- **Intelligent PoE Management.**
When the power supply exceeds the limit, PoE ports intelligently manage the power supply, which extends the switch lifetime.
- **Up to 300 m Long Range PoE Transmission.**
The distance between IPCs and switch can reach maximum 300 meters.
- **4/8-Core Adaptive Power Supply with Less Power Loss.**
8-core power supply reduces the power loss on cables.
- **6 kV Surge Protection to Improve Reliability in Harsh Environment.**
The built-in surge protection device protects the switch from the sudden lightning surge in harsh environment.
- **Design for Video Transmission.**
VIP port ensures important data transmission when network congestion occurs.

▪ Specification

Model		DS-3E0109P-E/M(B)
General	Shell	Metal material
	Net Weight	0.35 kg (0.77 lb)
	Gross Weight	0.89 kg (1.96 lb)
	Dimensions (W × H × D)	170 mm × 27.6 mm × 93.1 mm (6.7" × 1.1" × 3.7")
	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, 1.35 A
	Max. Power Consumption	65 W
	Power Consumption in Idle	5 W
	Installation Mode	Desk-Mounted, Wall-Mounted
	Surge Protection	6 kV
Network Parameters	Ports	8 x 10/100 Mbps PoE port, 1 x 10/100 Mbps RJ45 port
	MAC Address Table	2 K
	Switching Capacity	1.8 Gbps
	Packet Forwarding Rate	1.34 Mpps
	Internal Cache	1 Mbits
PoE Power Supply	PoE Standard	IEEE 802.3af; IEEE 802.3at
	PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
	PoE Port	PoE: Ports 1 to 8
	Max. Port Power	30 W
	PoE Power Budget	60 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.
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 (201165EU); WEEE (201219EU); Reach (Regulation (EC) No.19072006)

▪ Available Model

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