

DS-3E0109P-E/M(B)

8-Port 100 Mbps Long-Range Unmanaged PoE Switch

DS-3E0109P-E/M(B) is a layer 2 100M PoE switch. Based on wire-speed forwarding, the switch supports Ethernet PoE power supply and extend mode. The power supply distance reaches as long as 300 m. It also supports prior and stable transmission of the important surveillance area video when connected to the high priority ports.



Intelligent PoE



300 m Transmission



8-Core Power Supply



6 KV Surge Protection



High Priority Ports

Feature and Function

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.

6KV 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.

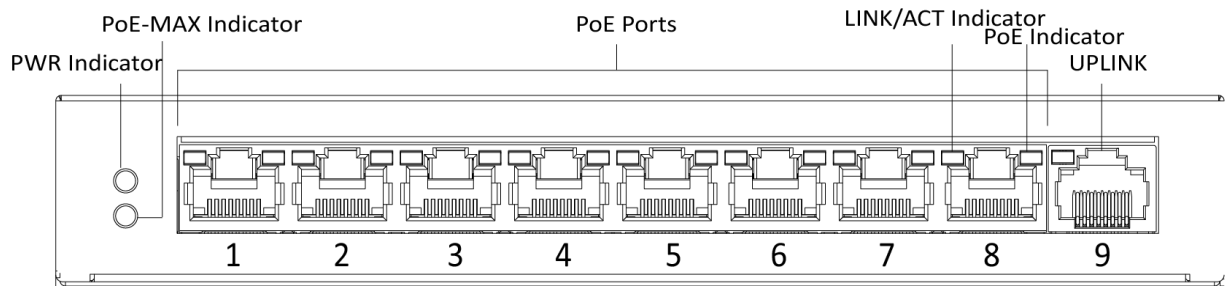


Specification

Model		DS-3E0109P-E/M(B)
Network parameters	Port number	8 × 100 Mbps PoE ports, 1 × 100 Mbps Ethernet port
	Port type	RJ45 port, full duplex, MDI/MDI-X adaptive
	Standard	IEEE 802.3, IEEE 802.3u, IEEE 802.3x
	Forwarding mode	Store-and-forward switching
	Working mode	Standard mode (default); Extend mode
	High priority ports	Ports 1 to 2
	Ports for long-distance transmission	Ports 1 to 8
	MAC address table	2 K
	Switching capacity	1.8 Gbps
	Packet forwarding rate	1.339 Mpps
	Internal cache	1 Mbits
PoE power supply	PoE standard	IEEE 802.3af, IEEE 802.3at
	PoE power pin	Supports 8-core power supply, Ethernet cable 1/2/3/6 and 4/5/7/8 provide simultaneous power supply
	PoE port	Ports 1 to 8
	Max. port power	30 W
	PoE power budget	60 W
	Max. power consumption	65 W
General	Shell	Metal material, fan-free design
	Gross weight	0.89 kg (1.96 lb)
	Net weight	0.35 kg (0.77 lb)
	Dimension (L × H × D)	170 mm × 27.6 mm × 93.1 mm (6.7" × 1.1" × 3.7")
	Operating temperature	-10 °C to 55 °C (14 °F to 131 °F)
	Storage temperature	-40 °C to 85 °C (-40 °F to 185 °F)
	Operating humidity	5% to 95% (no condensation)
	Storage humidity	5% to 95% (no condensation)
	Power supply	48 VDC, 1.35 A
Power consumption in idle	5 W	
Approval	EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 55024: 2010 +A1: 2015); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016)
	Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013)
	Chemistry	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)

Physical Interface

Front panel:



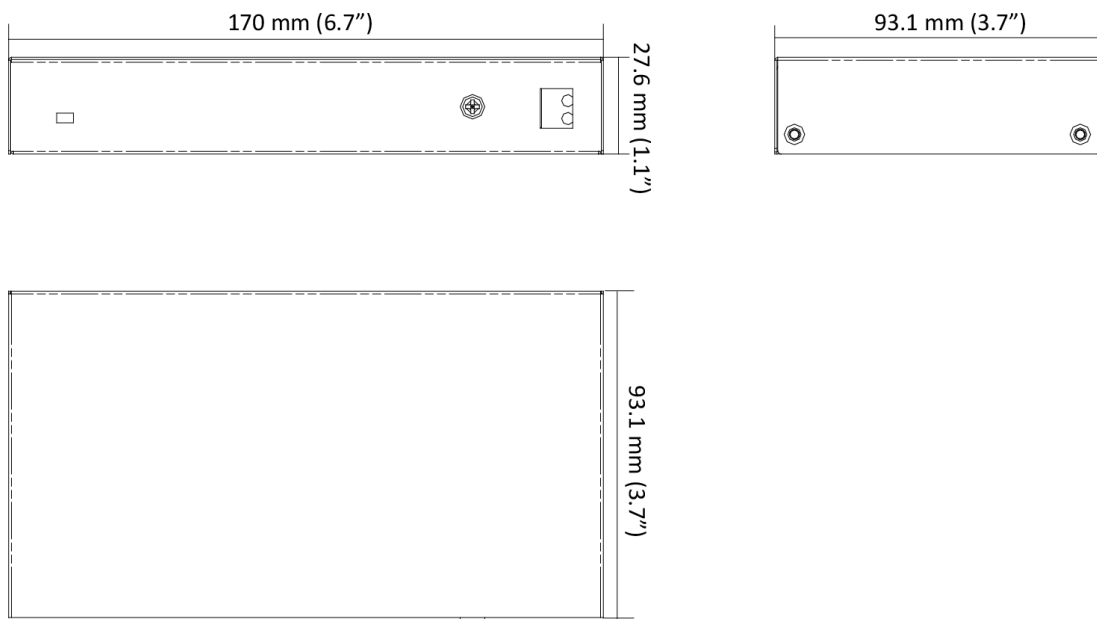
Back panel:



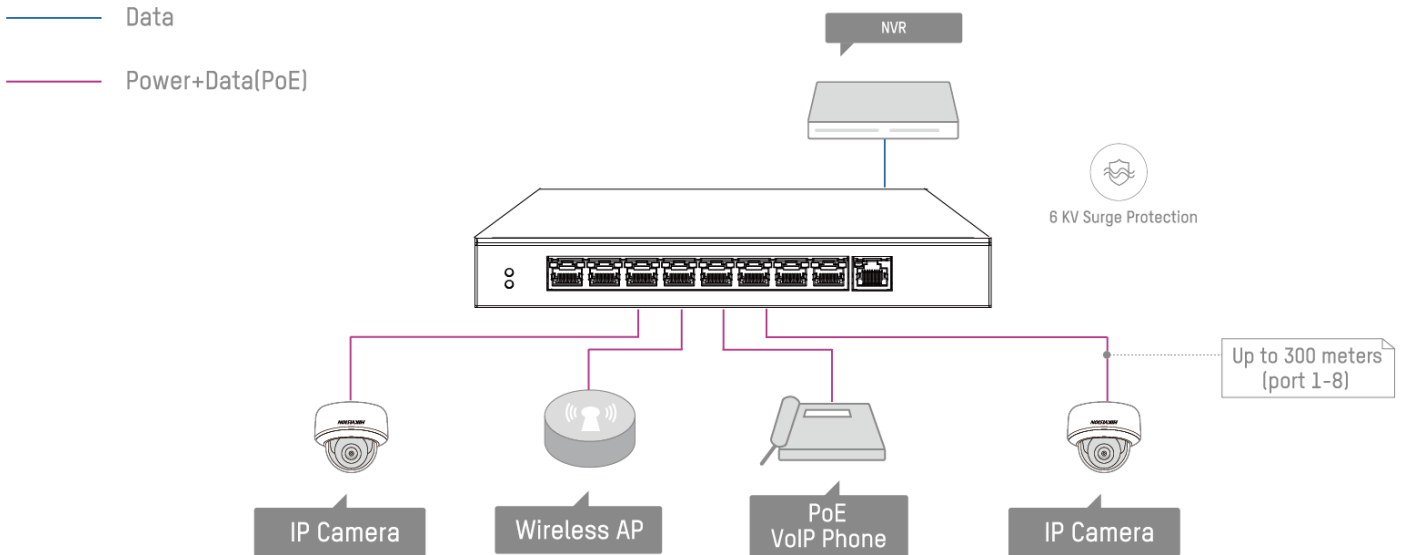
Available Model

DS-3E0109P-E/M(B)

Dimension (unit: mm)



Typical Application



Distributed by



HIKVISION®

Headquarters

No.555 Qianmo Road, Binjiang District,
 Hangzhou 310051, China
 T +86-571-8807-5998
 overseasbusiness@hikvision.com

Hikvision USA
 T +1-909-895-0400
 sales.usa@hikvision.com

Hikvision Australia
 T +61-2-8599-4233
 salesau@hikvision.com

Hikvision India
 T +91-22-28469900
 sales@pramahikvision.com

Hikvision Canada
 T +1-866-200-6690
 sales.canada@hikvision.com

Hikvision Thailand
 T +662-275-9949
 sales.thailand@hikvision.com

Hikvision Europe
 T +31-23-5542770
 sales.eu@hikvision.com

Hikvision Italy
 T +39-0438-6902
 info.it@hikvision.com

Hikvision Brazil
 T +55 11 3318-0050
 Latam.support@hikvision.com

Hikvision Turkey
 T +90 (216)521 7070- 7074
 sales.tr@hikvision.com

Hikvision Malaysia
 T +601-7652-2413
 sales.my@hikvision.com

Hikvision UK & Ireland
 T +01628-902140
 sales.uk@hikvision.com

Hikvision South Africa
 Tel: +27 (10) 0351172
 sale.africa@hikvision.com

Hikvision France
 T +33(0)1-85-330-450
 info.fr@hikvision.com

Hikvision Kazakhstan
 T +7-727-9730667
 nikia.panfilov@hikvision.ru

Hikvision Vietnam
 T +84-974270888
 sales.vt@hikvision.com

Hikvision UAE
 T +971-4-4432090
 salesme@hikvision.com

Hikvision Singapore
 T +65-6684-4718
 sg@hikvision.com

Hikvision Spain
 T +34-91-737-16-55
 info.es@hikvision.com

Hikvision Tashkent
 T +99-87-1238-9438
 uzb@hikvision.ru

Hikvision Hong Kong
 T +852-2151-1761
 info.hk@hikvision.com

Hikvision Russia
 T +7-495-669-67-99
 saleru@hikvision.com

Hikvision Korea
 T +82-(0)31-731-8817
 sales.korea@hikvision.com

Hikvision Poland
 T +48-22-460-01-50
 info.pl@hikvision.com

Hikvision Indonesia
 T +62-21-2933759
 Sales.Indonesia@hikvision.com

Hikvision Colombia
 sales.colombia@hikvision.com