

## DS-3E0105P-E/M(B)

### 4-Port 100 Mbps Long-Range Unmanaged PoE Switch

DS-3E0105P-E/M(B) is a layer 2 100 Mbps PoE switch. Based on wire-speed forwarding, the switch supports 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.

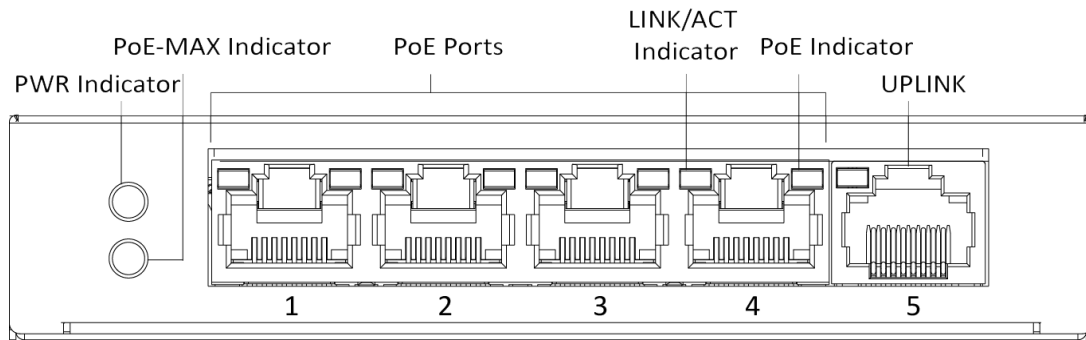


## Specification

Model		DS-3E0105P-E/M(B)
Network parameters	Port number	4 × 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 4
	MAC address table	1 K
	Switching capacity	1 Gbps
	Packet forwarding rate	0.744 Mpps
	Internal cache	448 Kbits
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 4
	Max. port power	30 W
	PoE power budget	35 W
	Max. power consumption	38 W
General	Shell	Metal material, fan-free design
	Gross weight	0.48 kg (1.06 lb)
	Net weight	0.2 kg (0.4 lb)
	Dimension (L × H × D)	105 mm × 27.6 mm × 83.1 mm (4.1" × 1.1" × 3.3")
	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, 0.8 A
	Power consumption in idle	3 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:



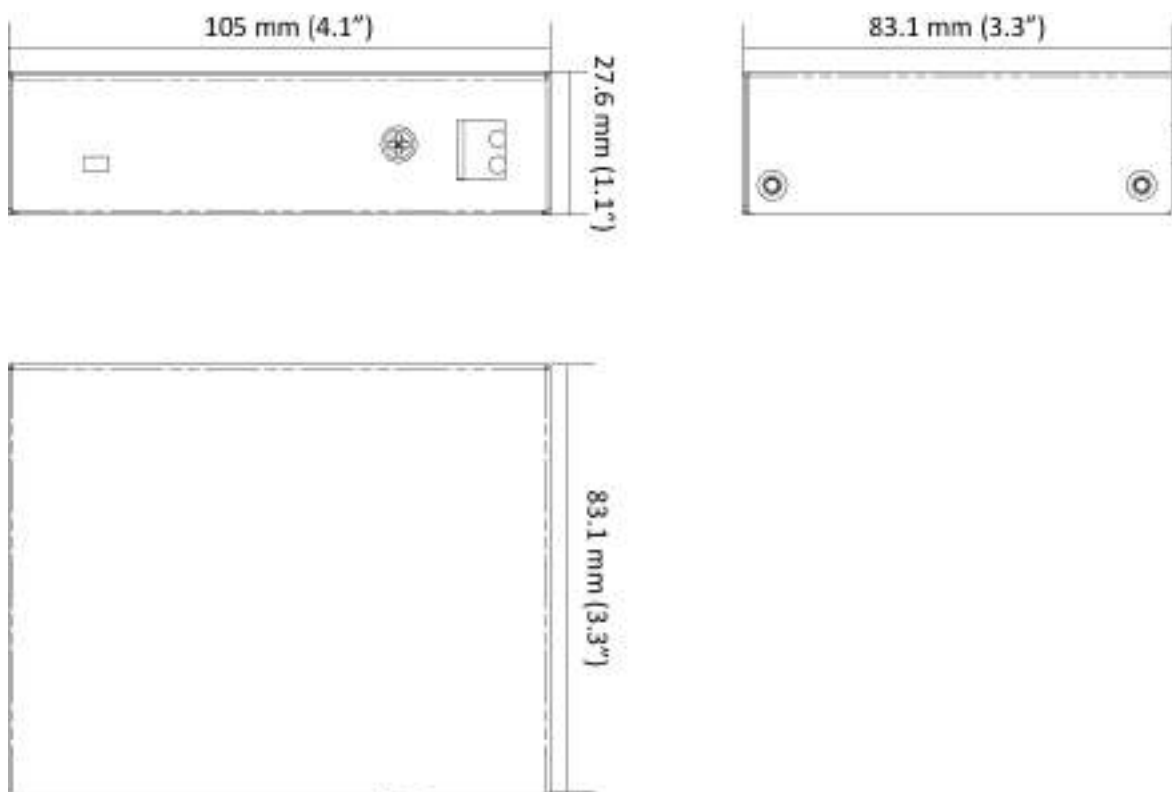
Back panel:



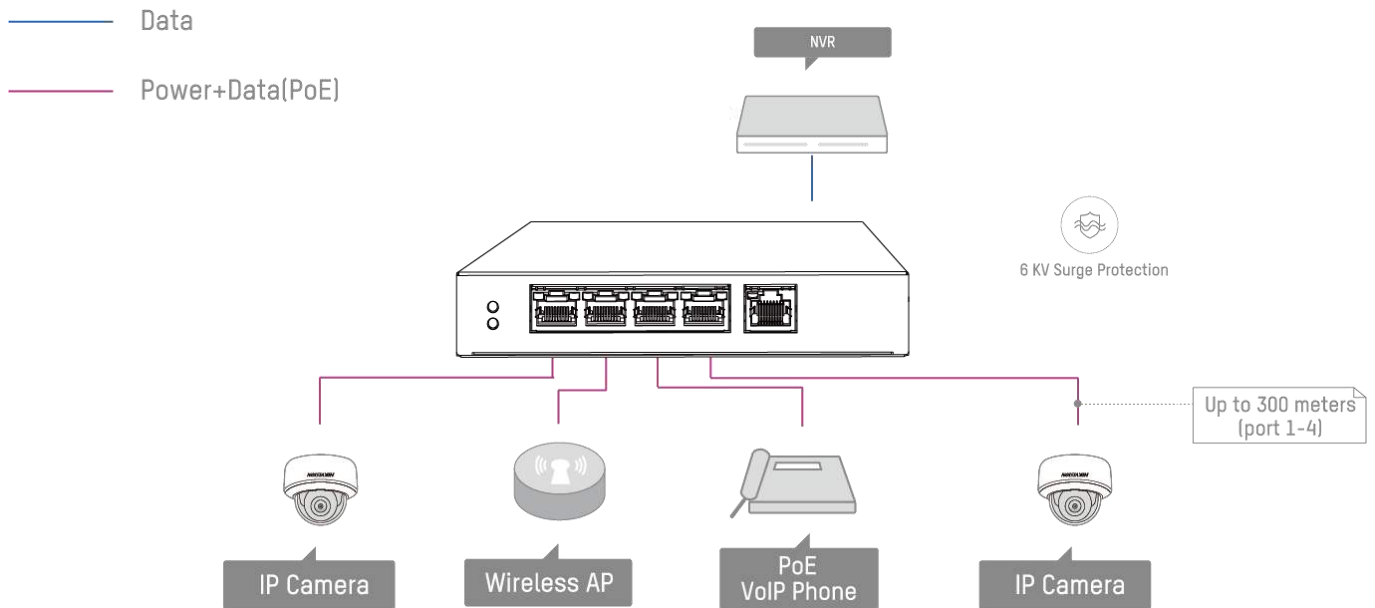
## Available Model

DS-3E0105P-E/M(B)

## Dimension (unit: mm)



## Typical Application



Distributed by

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