DS-3E0105P-E/M(C)
4 Ports Fast Ethernet Unmanaged PoE Switch



The device is a layer-2 10/100 Mbps PoE switch, providing PoE power supply technology and fast network design on the basis of network access to ensure stable data upload. The switch supports long-range function.

- Intelligent PoE Management
- Up to 300 m Long Range PoE Transmission
- Port Isolation to Improve Network Security
- 6 kV Surge Protection to Improve Reliability in Harsh Environment

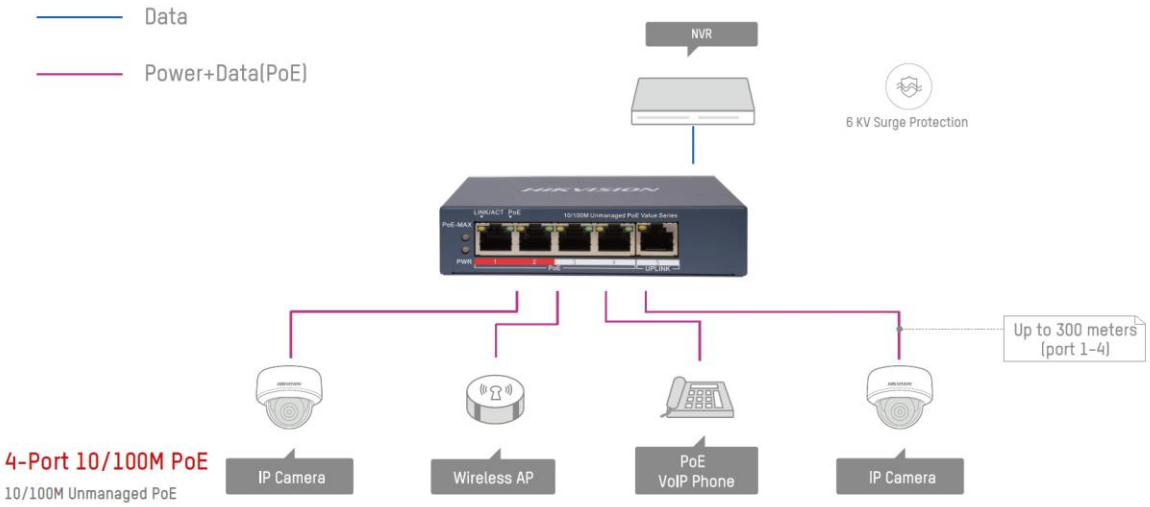
▪ Specification

Model		DS-3E0105P-E/M(C)
Network Parameters	Ports	4 × 10/100 Mbps PoE port,1 × 10/100 Mbps RJ45 port
	MAC Address Table	2 K
	Switching Capacity	1 Gbps
	Packet Forwarding Rate	0.744 Mpps
	Internal Cache	768 Kbits
PoE Power Supply	PoE Standard	IEEE 802.3af,IEEE 802.3at
	PoE Power Pin	End-span: 1/2(-), 3/6(+)
	PoE Port	PoE: Ports 1 to 4
	Max. Port Power	30 W
	PoE Power Budget	35 W
Dialing Function	Long Range	Ports 1 to 4: up to 300 m. Long range performance may vary depend on camera model or cable condition.
General	Shell	Metal material, fan-free design
	Net Weight	0.2 kg (0.44 lb)
	Gross Weight	0.5 kg (1.1 lb)
	Dimensions (W × H × D)	121.1 mm × 83.1 mm × 27.6 mm (4.77'' × 3.27'' × 1.08'')
	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, 0.92 A
	Max. Power Consumption	50 W
	Power Consumption in Idle	< 3 W
	Installation Mode	Desk-Mounted,Wall-Mounted
	Surge Protection	6 kV
Approval	EMC	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)
	Safety	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); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2018)

▪ Available Model

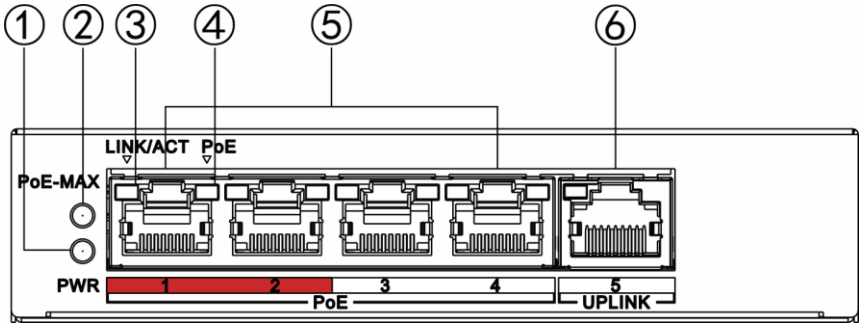
DS-3E0105P-E/M(C)

▪ Typical Application



▪ Physical Interface

Front Panel



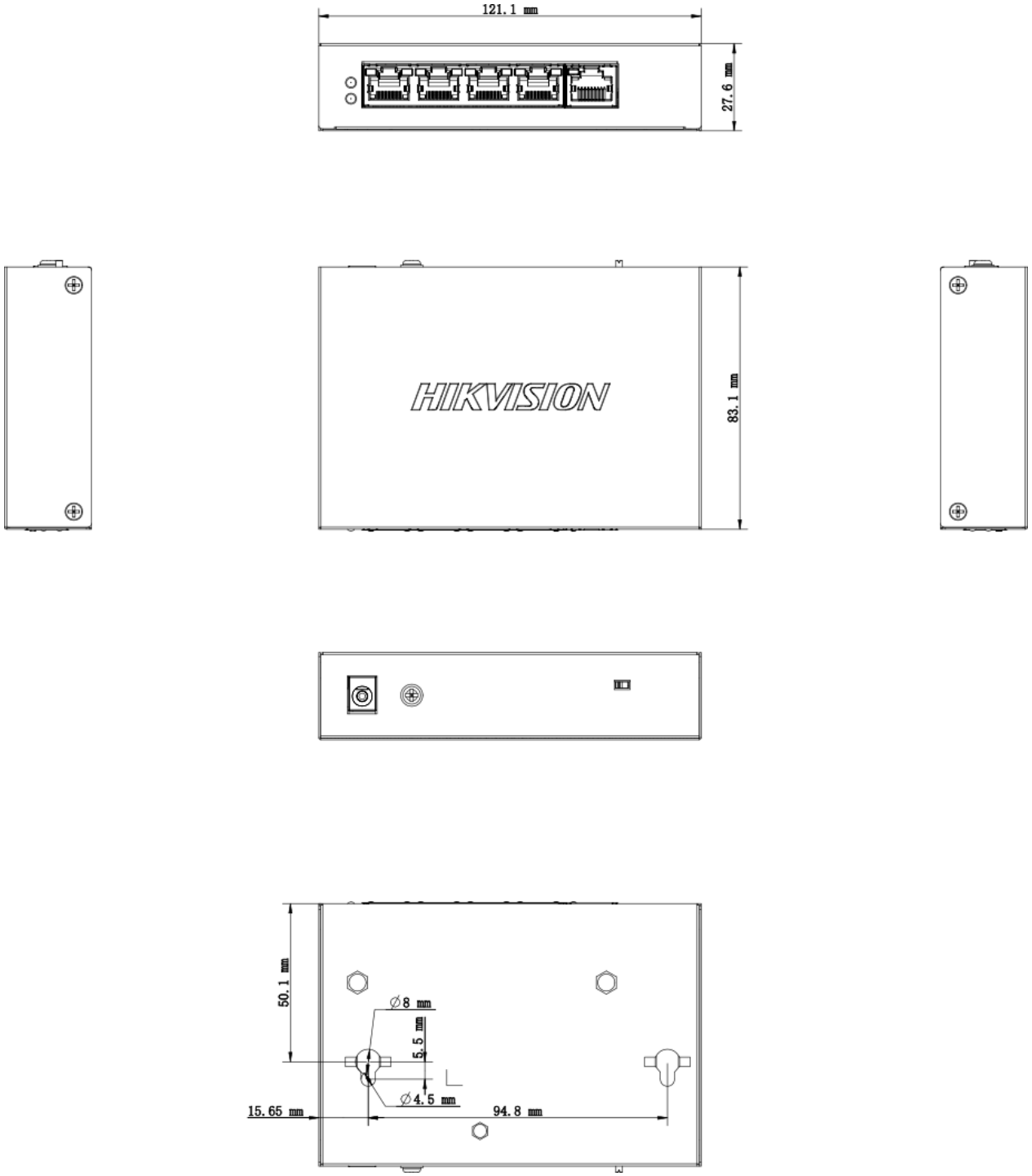
Rear Panel



No.	Indicator/Port	Description
①	PWR Indicator	● Solid on: The switch is powered on normally. ● Unlit: No power supply is connected or power supply is abnormal.
②	PoE-MAX Indicator	● Solid on/Flashing: The output power of the switch is about to reach or has reached the upper limit. The power supply may be abnormal if more devices are connected. ● Unlit: The switch does not supply power to a powered device (PD), or the switch supplies power to a PD normally and the output power of the switch does not reach the upper limit. (About five seconds after the output power of the switch returns to normal, the PoE-MAX indicator will be unlit.)
③	LINK/ACT Indicator	● Solid on: The port is connected. ● Flashing: The port is transmitting data. ● Unlit: The port is disconnected or connection is abnormal.
④	PoE Indicator	● Solid on: The switch supplies power to a PD normally. ● Unlit: The switch is disconnected from a PD or power supply is abnormal.
⑤	10/100 Mbps PoE RJ45 Port	Used for connection to a PD via a network cable.

⑥	10/100 Mbps RJ45 Port	Used for connection to another device via a network cable.
⑦	EXTEND DIP Switch	Enable or disable long-range transmission (EXTEND mode). ● When the DIP switch is set to “ON”, the corresponding ports support up to 300 m network transmission at a port rate of 10 Mbps. ● When the DIP switch is set to “OFF”, the corresponding ports support up to 100 m network transmission at a port rate of 100 Mbps.
⑧	Grounding Terminal	Used for connection to a grounding cable to protect the switch from lightning.
⑨	Power Supply	Use the attached power adapter and power cord to connect the switch to a socket.

▪Dimension



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