

DS-3E1105P-EI/M 4 Port Fast Ethernet Smart POE Switch



Smart managed switches are developed by Hikvision, featuring in easy management and maintenance. You can easily deploy, monitor and expand your surveillance system anytime and anywhere with our software platforms. You can view the network topology, monitor the health of the network and receive device alarms in real time, which greatly reduces the cost of network operation and maintenance

- 4 × 10/100 Mbps PoE port, 1 × 10/100 Mbps RJ45 port
- Total PoE Power Budget 45W
- Support 802.1Q VLAN
- Support PoE watchdog to detect and restart the cameras that do not respond
- Support STP/RSTP Loop prevention
- Support cable detection to locate failure
- Up to 300 m Long Range PoE Transmission
- 6KV Surge Protection



Specification

Model		DS-3E1105P-EI/M	
	Ports	4 × 10/100 Mbps PoE port, 1 × 10/100 Mbps RJ45 port	
Network Parameters	MAC Address Table	2 K	
	Switching Capacity	1 Gbps	
	Packet Forwarding Rate	0.74 Mpps	
	Internal Cache	768 Kbits	
	PoE Standard	IEEE 802.3af, IEEE 802.3at	
PoE Power Supply	PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)	
	PoE Port	PoE: Ports 1 to 4	
	Max. Port Power	30 W	
	PoE Power Budget	60 W	
	Long Range	Ports 1 to 4: up to 300 m.	
		Long range performance may vary depend on camera model or cable condition.	
Software Function	VIP Port	Ports 1 to 2: data on VIP ports is preferentially forwarded when bandwidth resources are insufficient.	
	НРР	Support one-click activation and remote management via Hik-Partner Pro. Functions supported: 1. Display the port rate. 2. Display the port bandwidth utilization rate. 3. Display the PoE power usage. 4. Display topology information. 5. Display the alarm status. 6. Restart ports and devices. 7. Enable port long-rage mode. 8. Remotely upgrade the device.	
	System Maintenance	Support device management via web. Support DHCP Client. Enabled by default for dynamic assignment of management IP addresses. Support Super IP, which is a fixed IP address (10.180.190.200) for direct access. Support management via Hik-Central Pro. Support remote management via Hik-Partner Pro. Support cable detection. Abnormal open circuits and short circuits as well as network cable length can be detected. Supports 802.1ab LLDP for peer device discovery. Support SNMP v1/v2c for third-party management platform access. Support port mirroring for fault locating.	
	Storm Control	Storm control is used to prevent switch ports from being blocked by broadcast or multicast storms in the LAN, which may affect network communication.	



		Supports port rate limiting based on broadcast, multicast, and unknown unicast packets.	
	DHCP Snooping	DHCP Snooping can prevent unauthorized connections to DHCP servers from disrupting the	
		network and affecting normal network communication, and only allow DHCP packets from trusted ports to pass through Off by default.	
	Shell	Metal material, fan-free design	
General	Net Weight	0.22 kg (0.49 lb)	
	Gross Weight	0.816 kg (1.80 lb)	
	Dimensions (W × H × D)	105.0 mm × 27.6 mm × 83.1 mm (4.76" × 3.47" × 1.09")	
	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 VDC, 1.35 A	
	Installation Mode	Desk-Mounted, Wall-Mounted	
	Max. Power Consumption	65 W	
	Power Consumption in Idle	5 W	
	Surge Protection	6 KV	
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), WEEE (2012/19/EU), Reach (Regulation (EC) No.1907/2006)	

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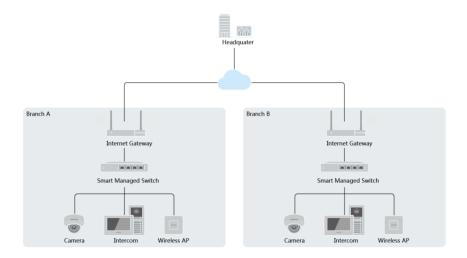
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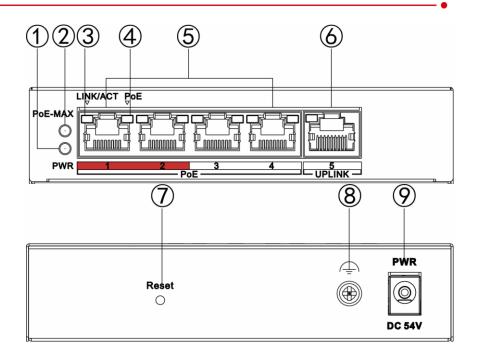
Typical Application



Physical Interface

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 supplies power
		to a PD normally and its output power does not reach the
		upper limit. (About 5 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	Reset Button	Used for restoring all the configurations of the switch to the
		default settings.
8	Grounding Terminal	Used for connection to the grounding cable to protect the
		switch from lightning.
9	Power Supply	Use the attached power cord and power adapter to connect the
		switch to a socket.



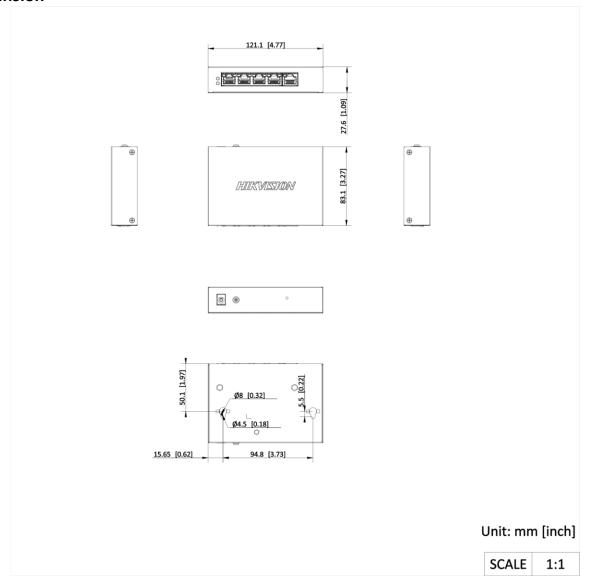


Available Model

DS-3E1105P-EI/M DS-3E1105P-EI/MV2



Dimension



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