DS-3E1310HP-EI (B)
Smart Managed 8-Port 100 Mbps Hi-PoE Switch



Smart managed switches are developed by Hikvision, featuring easy management and maintenance. You can easily deploy, monitor and expand your video security 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.

- 8 x 10/100M PoE Ports, 2 x Gigabit Uplink Ports
- Total PoE Power Budget 110 W
- IEEE802.3af/at/bt Compliant, 90 W Max. Output Power for PTZ camera
- 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
- 6 kV Surge Protection

▪ Specification

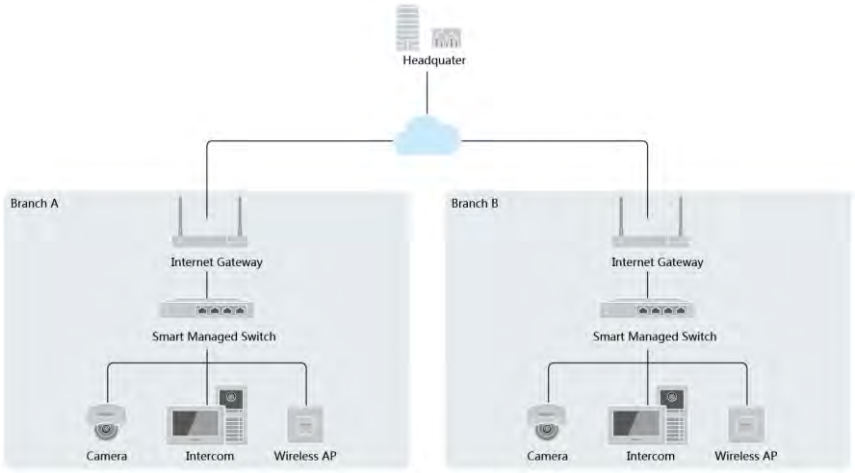
General	
Shell	Metal
Net Weight	0.55 kg (1.21 lb)
Gross Weight	0.95 kg (2.1 lb)
Dimensions (W × H × D)	217.6 mm × 27.6 mm × 108.5 mm (8.57'' × 1.09'' × 4.27'')
Operating Temperature	0 °C to 40 °C (0 °F to 104 °F)
Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Operating Humidity	5% to 95% (no condensation)
Relative Humidity	5% to 95% (no condensation)
Power Supply	54 V DC, 2.22 A
Installation Mode	Desk-Mounted,Wall-Mounted
Max. Power Consumption	120 W
Power Consumption in Idle	10 W
Surge Protection	6 kV
Network Parameters	
MAC Address Table	4 K
Switching Capacity	9.6 Gbps
Ports	8 × 10/100 Mbps PoE port,2 × Gigabit RJ45 port
Packet Forwarding Rate	7.14 Mpps
Internal Cache	2 Mbits
PoE Power Supply	
PoE Standard	Ports 1 to 2: IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt Ports 3 to 8: IEEE 802.3af, IEEE 802.3at
PoE Power Pin	Ports 1 to 2: 8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-) Ports 3 to 8: End-span: 1/2(-), 3/6(+)
PoE Port	Hi-PoE: Ports 1 to 2 PoE: Ports 3 to 8
Max. Port Power	Ports 1 to 2: 90 W Ports 3 to 8: 30 W
PoE Power Budget	110 W
Software Function	
Long Range	Ports 1 to 8: up to 300 m. Long range performance may vary depend on camera model or cable condition.
PoE Watchdog	Ports 1 to 8: auto detect and restart the cameras that do not respond.
Port Isolation	Ports 1 to 8: port isolation mode to improve network security Ports in an isolation group cannot communicate with each other, but they can communicate with ports outside the isolation group.

HPP	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.
Loop Prevention	Loop prevention is used to prevent the switching network from forming loops, which will seriously affect network communication. Disabled by default. Support 802.1D STP. Support 802.1w RSTP.
VLAN	VLAN is used for network scale planning and network health improvement. Support 802.1Q. Configurable VLAN ID from 1-4094. Support Trunk, Access port mode. Support Max. 4094 VLAN.
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),IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)
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.1907/2006)

▪ Available Model

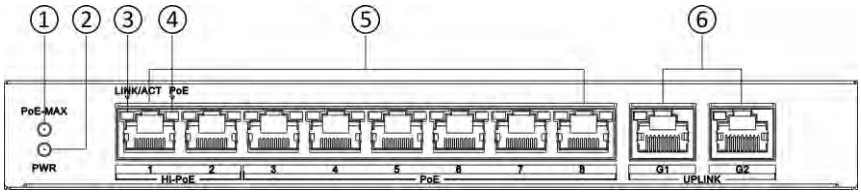
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▪ Typical Application

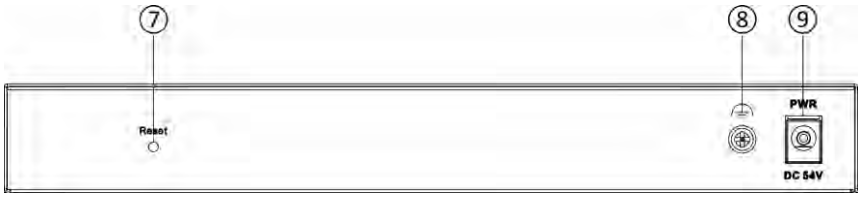


▪ Physical Interface

Front Panel



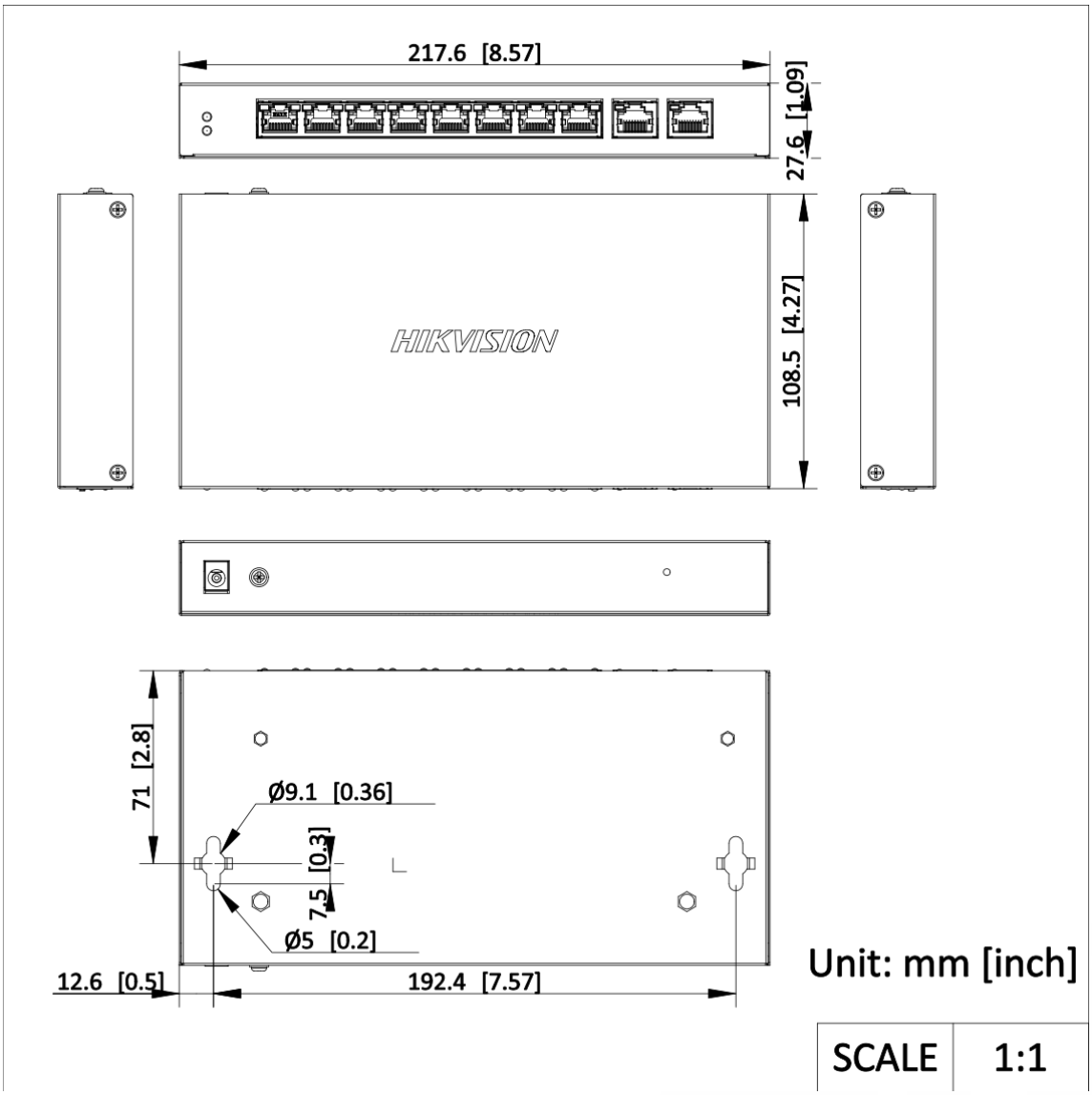
Rear Panel



No.	Indicator/Port	Description
①	PoE-MAX Indicator	● Solid on: 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. The PoE-MAX indicator will be unlit in 5 seconds after the output power of the switch returns to normal.
②	PWR Indicator	● Solid on: The switch is powered on normally. ● Unlit: No power supply is connected or power supply is abnormal.
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. Ports 1 and 2 of the switch are Hi-PoE RJ45 ports, which can be connected to high-power devices.
⑥	Gigabit RJ45 Port	Used for connection to another device via a network cable.
⑦	Reset Button	Press and hold the reset button for about 5 seconds to restore all the configurations of the

		switch to 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 adapter and power cord to connect the switch to a power socket.

▪ Dimension



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