

DS-3E1508-EI(C) 8 Port Gigabit Smart Switch



Smart managed switches are developed by Hikvision, featuring 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.

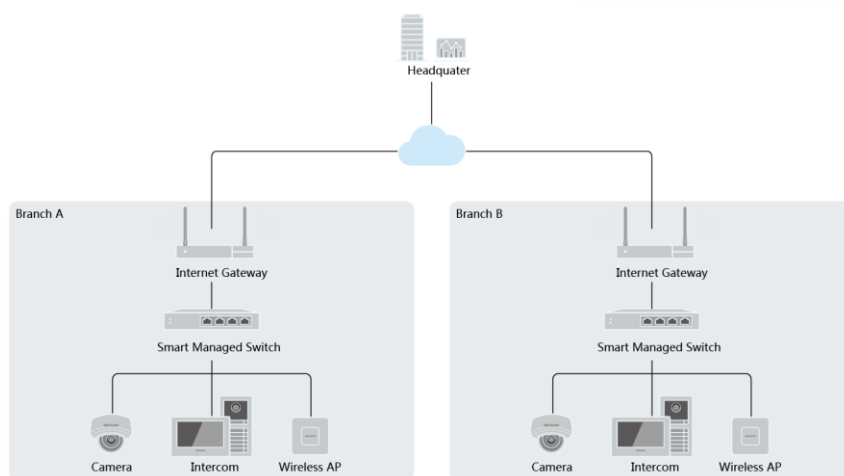
- 8 × gigabit RJ45 port
- Support IEEE 802.3az
- Support STP/RSTP loop prevention with storm control
- Support cable detection to locate failure
- Support DHCP snooping
- Support 6 kV surge protection

▪ Specification

General	
Shell	Metal
Net Weight	0.36 kg (0.79 lb)
Gross Weight	0.66 kg (1.46 lb)
Dimensions (W × H × D)	144.6 mm × 29.6 mm × 69.3 mm (5.69" × 1.17" × 2.73")
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	5 V DC, 1 A
Max. Power Consumption	5 W
Power Consumption in Idle	3 W
Surge Protection	6 kV
Installation Mode	Desk-Mounted, Wall-Mounted
Network Parameters	
Ports	8 × Gigabit RJ45 port
MAC Address Table	4 K
Switching Capacity	16 Gbps
Packet Forwarding Rate	11.91 Mpps
Internal Cache	2 Mbits
Software Function	
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.
Link Aggregation	Link aggregation is used to aggregate multiple physical ports to form a logical port for load balancing, bandwidth expansion, and port protection. Support static link aggregation. Support 2 aggregation group(s).
QoS	QoS is used to allocate bandwidth to different services so as to provide end-to-end service quality assurance. Support port-based priority configuration. Support SP and WRR priority scheduling modes. Support DSCP-based QoS policy.
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. 32 VLAN.

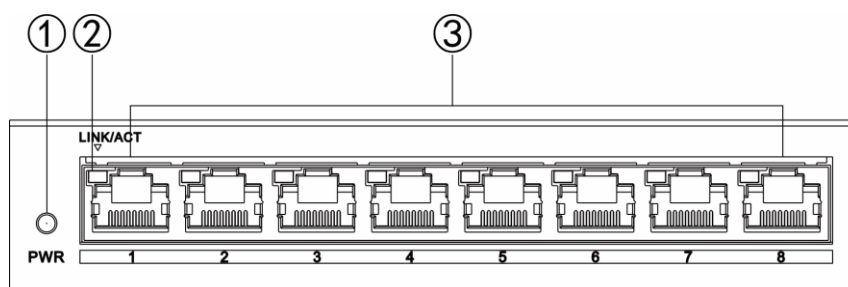
HPP	Support one-click activation and remote management via Hik-Partner Pro. Functions supported: 1. Display the port rate. 2. Display the port bandwidth utilization rate. 3. Display topology information. 4. Display the alarm status. 5. Restart ports and devices. 6. Remotely upgrade the device.
System 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 configurable IP address (default: 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. Support 802.1ab LLDP for peer device discovery. Support port mirroring for fault locating.
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. Disabled by default.
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	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)

▪ Typical Application



Physical Interface

Front Panel

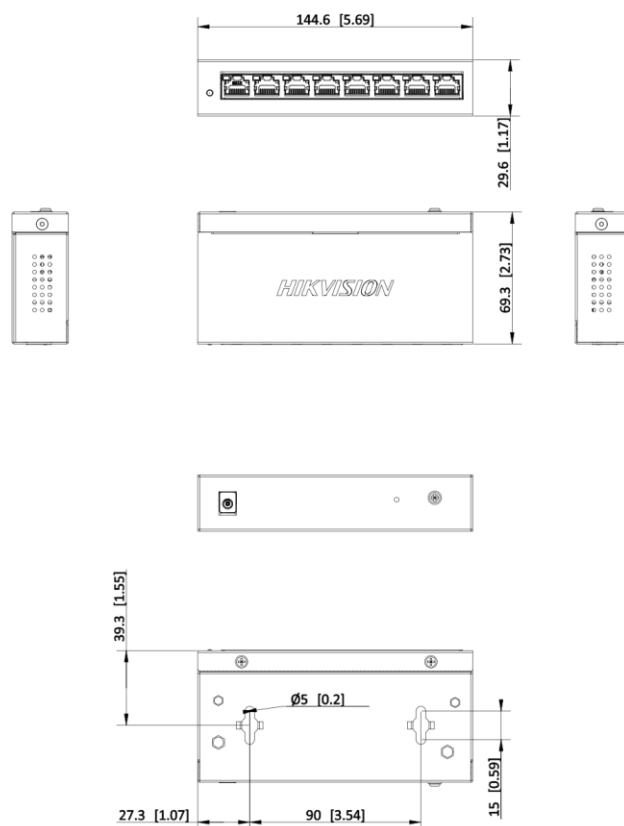


Rear Panel



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	LINK/ACT Indicator	● Solid on: The port is connected. ● Flashing: The port is transmitting data. ● Unlit: The port is disconnected or connection is abnormal.
③	Gigabit RJ45 Port	Used for connection to another device via a network cable.
④	Grounding Terminal	Used for connection to the grounding cable to protect the switch from lightning.
⑤	Reset Button	Used for restoring all the configurations of the switch to the default settings.
⑥	Power Supply	Use the attached power adapter to connect the switch to a socket.

Dimension



Unit: mm [inch]

SCALE	1:1
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See Far, Go Further



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