

## DS-3E1310P-SI Smart Managed 8-Port 100 Mbps 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.

- 8 × 100 Mbps PoE RJ45 port, 2 × gigabit combo.
- IEEE 802.3at/af standard for PoE ports.
- Network topology management, alarm push, network health monitor.
- 6 KV surge protection for PoE ports.
- AF/AT camera can reach up to 300 m in extend mode.

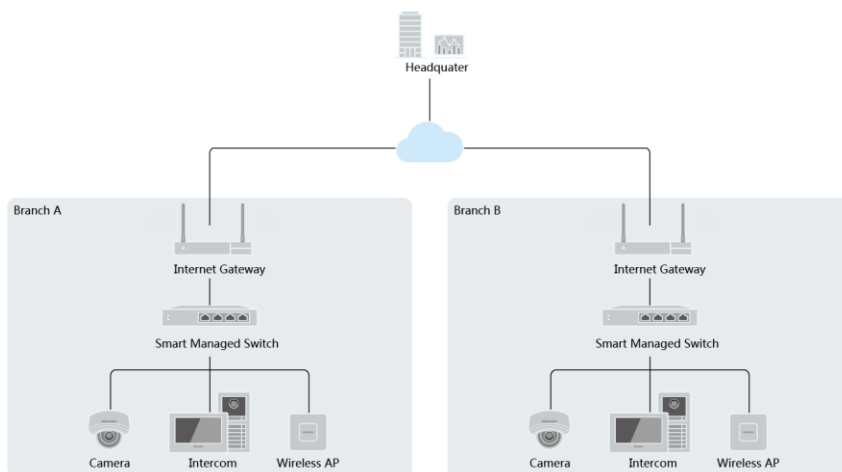
## ▪ Specification

Model		DS-3E1310P-SI
Network Parameters	Ports	8 × 10/100 Mbps PoE port, 2 × Gigabit combo
	MAC Address Table	16 K
	Switching Capacity	9.2 Gbps
	Packet Forwarding Rate	6.84 Mpps
	Internal Cache	4 Mbits
PoE Power Supply	PoE Standard	IEEE 802.3af, IEEE 802.3at
	PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
	PoE Port	PoE: Ports 1 to 8
	Max. Port Power	30 W
	PoE Power Budget	125 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.
	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.
	PoE Watchdog	Ports 1 to 8: auto detect and restart the cameras that do not respond.
	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, WRR priority schedule mode.
	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.
	HPP	Support one-click activation and remote management via Hik-Partner Pro. Functions supported: <ol style="list-style-type: none"> <li>1. Display the port rate.</li> <li>2. Display the port bandwidth utilization rate.</li> <li>3. Display the PoE power usage.</li> <li>4. Display topology information.</li> <li>5. Display the alarm status.</li> </ol>

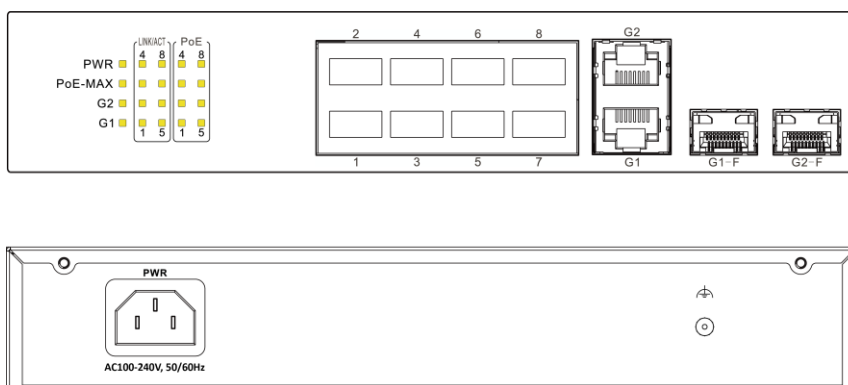
		<p>6. Restart ports and devices.</p> <p>7. Enable port long-range mode.</p> <p>8. Remotely upgrade the device.</p>
	System Maintenance	<p>Support device management via web.</p> <p>Support DHCP Client. Enabled by default for dynamic assignment of management IP addresses.</p> <p>Support Super IP, which is a fixed IP address (10.180.190.200) for direct access.</p> <p>Support management via Hik-Central Pro.</p> <p>Support remote management via Hik-Partner Pro.</p> <p>Support cable detection. Abnormal open circuits and short circuits as well as network cable length can be detected.</p> <p>Supports 802.1ab LLDP for peer device discovery.</p> <p>Support SNMP v1/v2c for third-party management platform access.</p> <p>Support port mirroring for fault locating.</p>
	Storm Control	<p>Storm control is used to prevent switch ports from being blocked by broadcast or multicast storms in the LAN, which may affect network communication.</p> <p>Supports port rate limiting based on broadcast, multicast, and unknown unicast packets.</p>
	DHCP Snooping	<p>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</p> <p>Off by default.</p>
General	Shell	Metal material
	Net Weight	1.72 kg (3.79 lb)
	Gross Weight	2.20 kg (4.85 lb)
	Dimensions (W × H × D)	266.00 mm × 44.50 mm × 220.80 mm (10.47" × 1.75" × 8.69")
	Operating Temperature	0 °C to 45 °C (0 °F to 113 °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	100-240 VAC, 50/60 Hz, Max. 1.5 A
	Installation Mode	Rack (equipped with mounting ears)
	Max. Power Consumption	150 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, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4:

		2011 +A1: 2014, EN 55035: 2017); IC (ICES-003: Issue 6); RCM (AS/NZS CISPR 32: 2015)
	Safety	UL (UL 60950-1); CB (IEC 60950-1:2005, AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition); CE-LVD (EN 60950-1: 2006 + A11: 2009 +A1: 2010+A12: 2011+A2: 2013, EN 62368-1: 2014+A11: 2017)
	Chemistry	CE-RoHS (201165EU); WEEE (201219EU); Reach (Regulation (EC) No.19072006)

▪ **Typical Application**



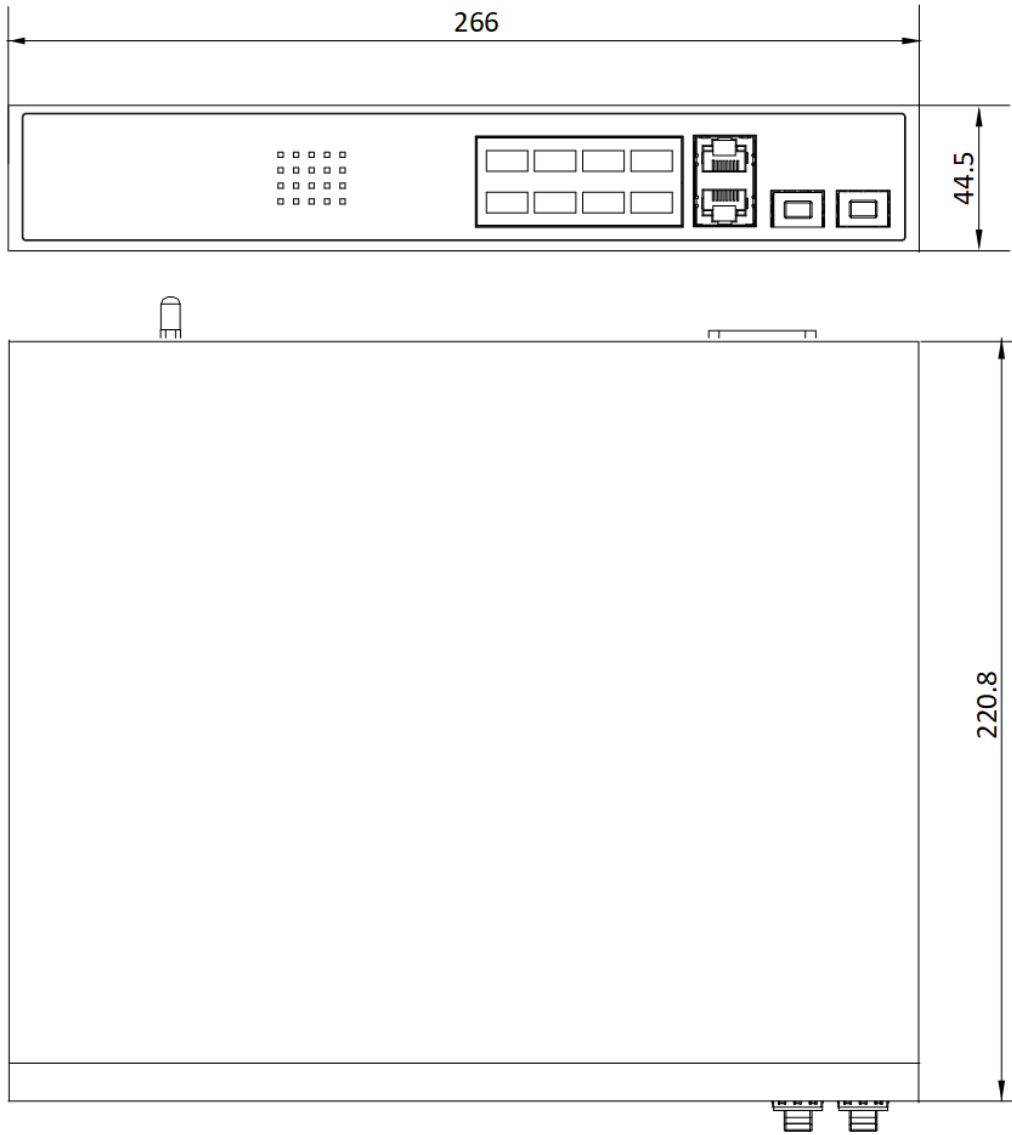
▪ **Physical Interface**



▪ **Available Model**





- DS-3E1310P-SI
- DS-3E1310P-SI/COPEC
- DS-3E1310P-SIV2

▪ **Dimension**



▪ **Accessory**

▪ **Optional**

HK-SFP-1.25G-20-1 550 SFP Module	HK-SFP-1.25G-20-1 310 SFP Module	HK-SFP-1.25G-1310 -DF-MM SFP Module	HK-SFP-1.25G-20-1 310-DF SFP Module
			

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