DS-3E1310HP-EI/UHK
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 × 100 Mbps PoE RJ45 ports, 2 × gigabit network RJ45 ports

- IEEE 802.3at/af/bt standard for PoE ports

- Network topology management, and alarm push

- 6 kV surge protection for PoE ports

- Up to 300 m long-range transmission

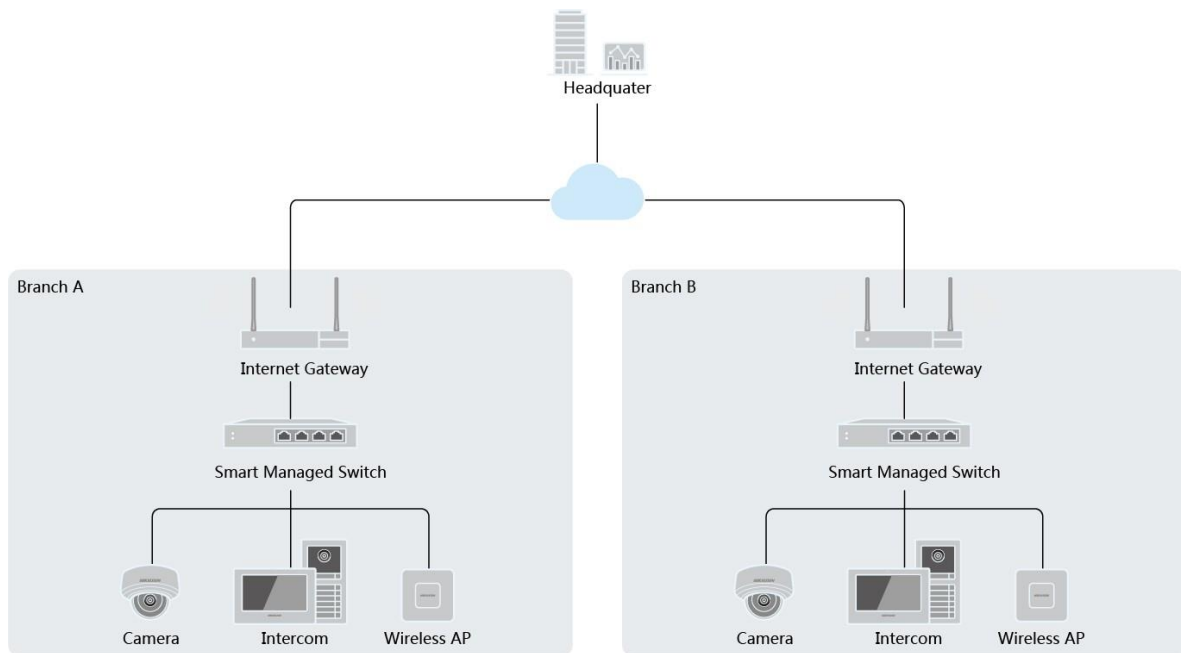- AF/AT camera can reach up to 300 m in extend mode

▪ Specification

Model		DS-3E1310HP-EI
Network Parameters	Ports	8 × 10/100 Mbps PoE port,2 × Gigabit RJ45 port
	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,IEEE 802.3bt
	PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
	PoE Port	Hi-PoE: Ports 1 to 2,PoE: Ports 3 to 8
	Max. Port Power	90 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.
	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.
	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.
	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.
	DHCP Snooping	DHCP Snooping can prevent unauthorized connections to DHCP servers from

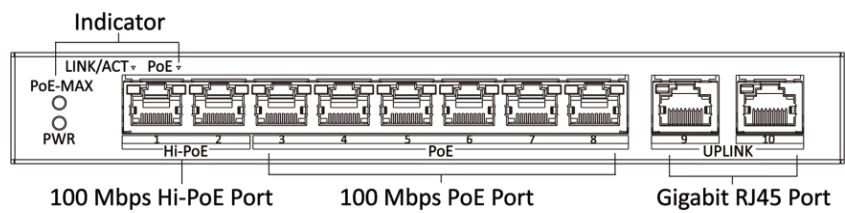|		
		disrupting the network and affecting normal network communication, and only allow DHCP packets from trusted ports to pass through Off by default.
	Loop Prevention	Loop prevention is used to prevent the switching network from forming loops, which will seriously affect network communication. Disabled by default. Support 802.1D STP. Suppport 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. VLAN.
	Port Rate-Limiting	Port rate-limiting is used for port bandwidth adjustment to prevent network congestion.
General	Shell	Metal material, IP40
	Net Weight	0.550 kg (1.21 lb)
	Gross Weight	0.950 kg (2.09 lb)
	Dimensions (W × H × D)	217.6 mm × 27.8 mm × 103.35 mm (8.56" × 1.09" × 4.06")
	Operating Temperature	-40°C to 80°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	4 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 (ASNZS 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)

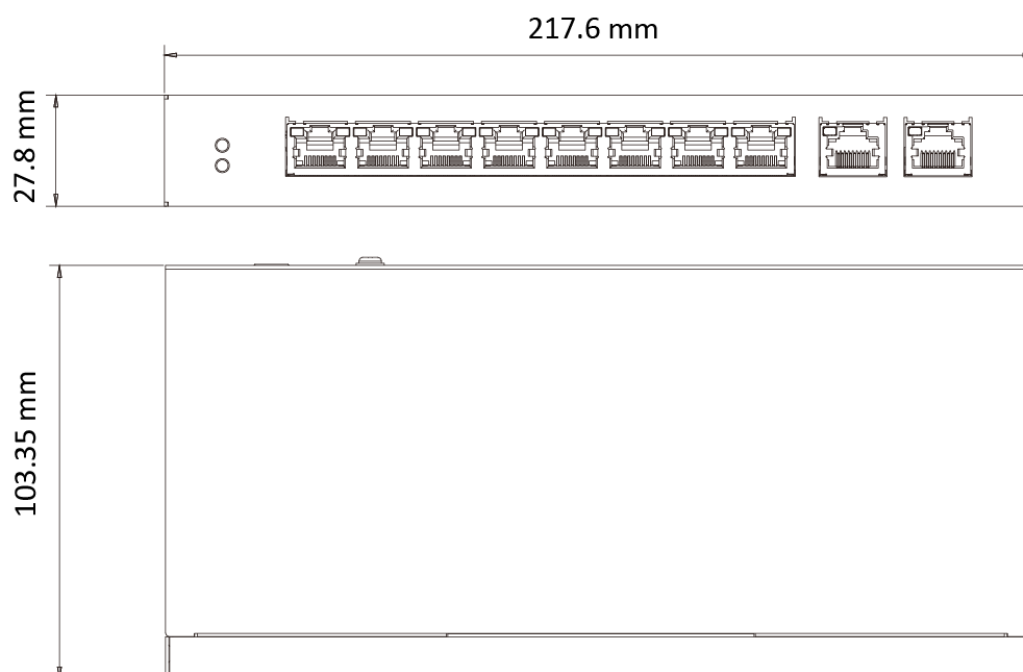## ▪ Available Model

DS-3E1310HP-EI

▪ Typical Application

▪ Physical Interface

Front Panel

Rear Panel

▪ Dimension

217.6 mm

27.8 mm

103.35 mm

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