POE-SWC802G

8 Port Cloud Managed Gigabit Smart PoE Switch

Cloud-managed switches are designed for effortless management and maintenance. Our software platforms allow you to effortlessly deploy, monitor, and expand your surveillance system anytime, anywhere. With real-time network topology visualization, health monitoring, and instant device alarms, you can significantly reduce network operation and maintenance costs.

Main Features:

- 8 × Gigabit PoE port,2 × Gigabit RJ45 port
- Total PoE Power Budget 110 W
- 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
- LPP Supported*

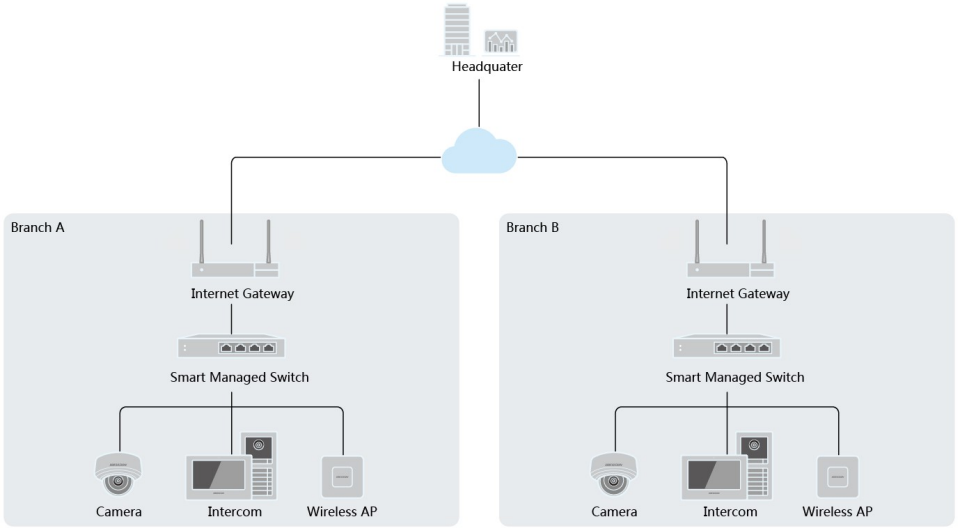
▪ Specification

Model		GP10SW-I
Network Parameters	Ports	8 × Gigabit PoE port,2 × Gigabit RJ45 port
	MAC Address Table	4 K
	Switching Capacity	20 Gbps
	Packet Forwarding Rate	14.88 Mpps
	Internal Cache	1.5 Mbits
PoE Power Supply	PoE Standard	IEEE 802.3af, IEEE 802.3at
	PoE Power Pin	End-span: 1/2(-), 3/6(+)
	PoE Port	PoE: Ports 1 to 8
	Max. Port Power	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.
	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.
	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 3 aggregation groups.
	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. 32 VLAN.
	LPP*	Support one-click activation and remote management via LPP. 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.

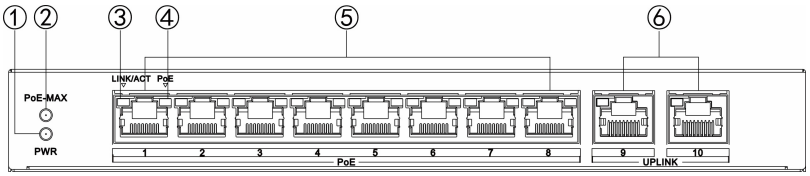
		Support remote management via LPP. Support cable detection. Abnormal open circuits and short circuits as well as network cable length can be detected. Supports 802.1ab LLDP for peer device discovery. Support SNMP v1/v2c for third-party management platform access. Support port mirroring for fault locating.
General	Dimensions (W × H × D)	217.6 mm × 27.6 mm × 108.5 mm (8.57'' × 1.09'' × 4.27'')
	Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
	Installation Mode	Desk-Mounted, Wall-Mounted
	Gross Weight	1.27 kg (2.8 lb)
	Net Weight	0.54 kg (1.19 lb)
	Power Consumption in Idle	2.7 W
	Shell	Metal material
	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
	Operating Humidity	5% to 95% (no condensation)
	Power Supply	54 V DC, 2.22 A
	Max. Power Consumption	120 W
	Relative Humidity	5% to 95% (no condensation)
	Surge Protection	6 kV

*LPP health monitoring, employee add, co-branding will require additional subscription.

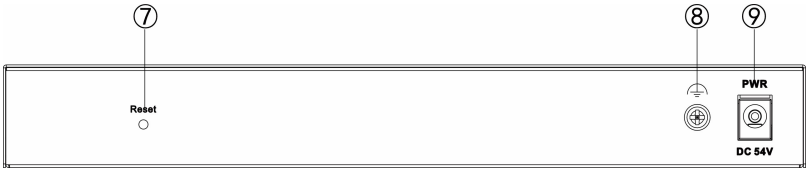
▪ Example of Network Topology



Front Panel

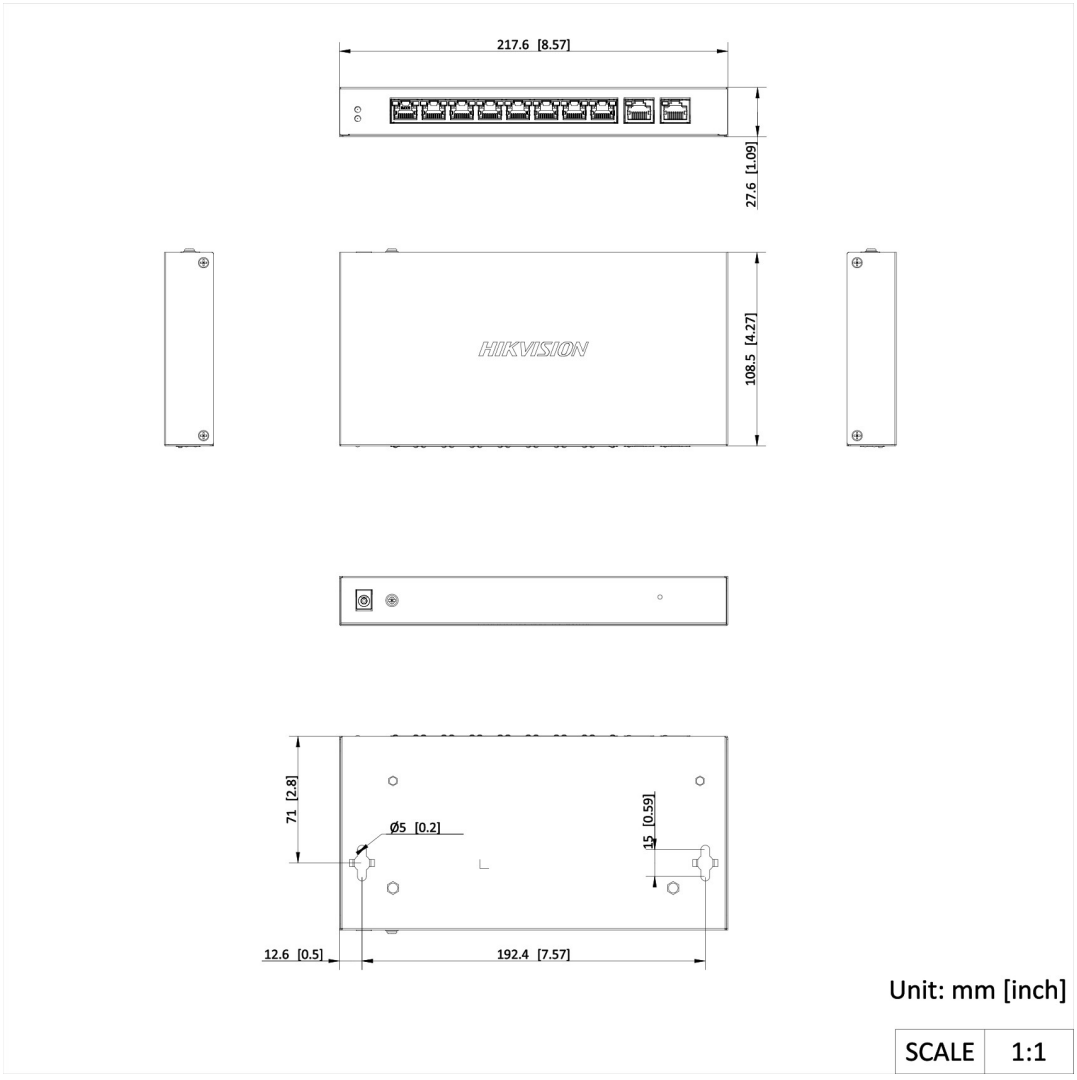


Rear Panel



No.	Indicator/Port	Indicator/Port
①	Indicator/Port	● 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	Gigabit PoE RJ45 Port	Used for connection to a PD via a network cable.
⑥	Gigabit 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.

▪Dimension



Unit: mm [inch]

SCALE	1:1