NS-0510P-80(B)
8 Port Gigabit Unmanaged PoE Switch

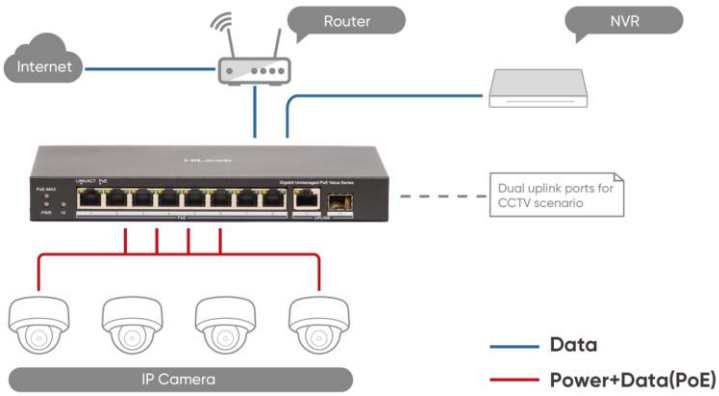
The device is a layer 2 PoE network switch developed by Hikvision, providing PoE power supply technology on the basis of gigabit network access to ensure stable data upload.

- 8 x Gigabit PoE Port, 1 x Gigabit RJ45, 1 x Gigabit SFP.
- Total PoE Power Budget 80 W.
- IEEE802.3af/at Compliant, and 30 W Max. Output Power for Each Port.
- 6 kV Surge Protection.
- PD Power Intelligent Detection with System-Level Overload Protection.
- Silent Running with Fanless Design.
- Desktop/Wall Installation.

▪ Specification

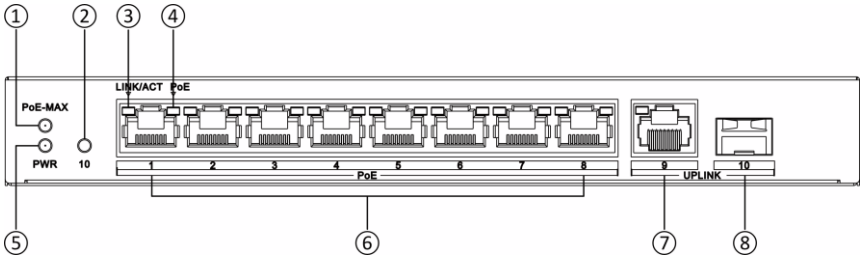
General	
Shell	Metal material
Net Weight	0.50 kg (1.10 lb)
Gross Weight	1.20 kg (2.65 lb)
Dimensions (W × H × D)	217.60 mm × 27.60 mm × 108.50 mm (8.56'' × 1.08'' × 4.27'')
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage Temperature	–40 °C to 85 °C (–40 °F to 185 °F)
Operating Humidity	5% to 95% (no condensation)
Relative Humidity	5% to 95% (no condensation)
Power Supply	54 V DC, 1.6 A
Max. Power Consumption	86 W
Power Consumption in Idle	5 W
Installation Mode	Desk-Mounted,Wall-Mounted
Surge Protection	6 kV
Network Parameters	
Ports	8 × Gigabit PoE port,1 × Gigabit RJ45 port,1 × Gigabit fiber optical 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 Port	PoE: Ports 1 to 8
Max. Port Power	30 W
PoE Power Budget	80 W
PoE Power Pin	End-span: 1/2(-), 3/6(+)
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)
Safety	CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)
Chemistry	CE-RoHS (201165EU); WEEE (201219EU); Reach (Regulation (EC) No.19072006)

▪ Typical Application

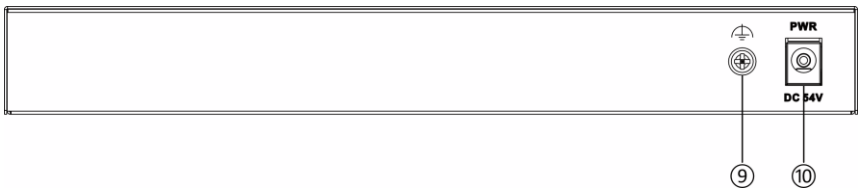


▪ Physical Interface

Front Panel



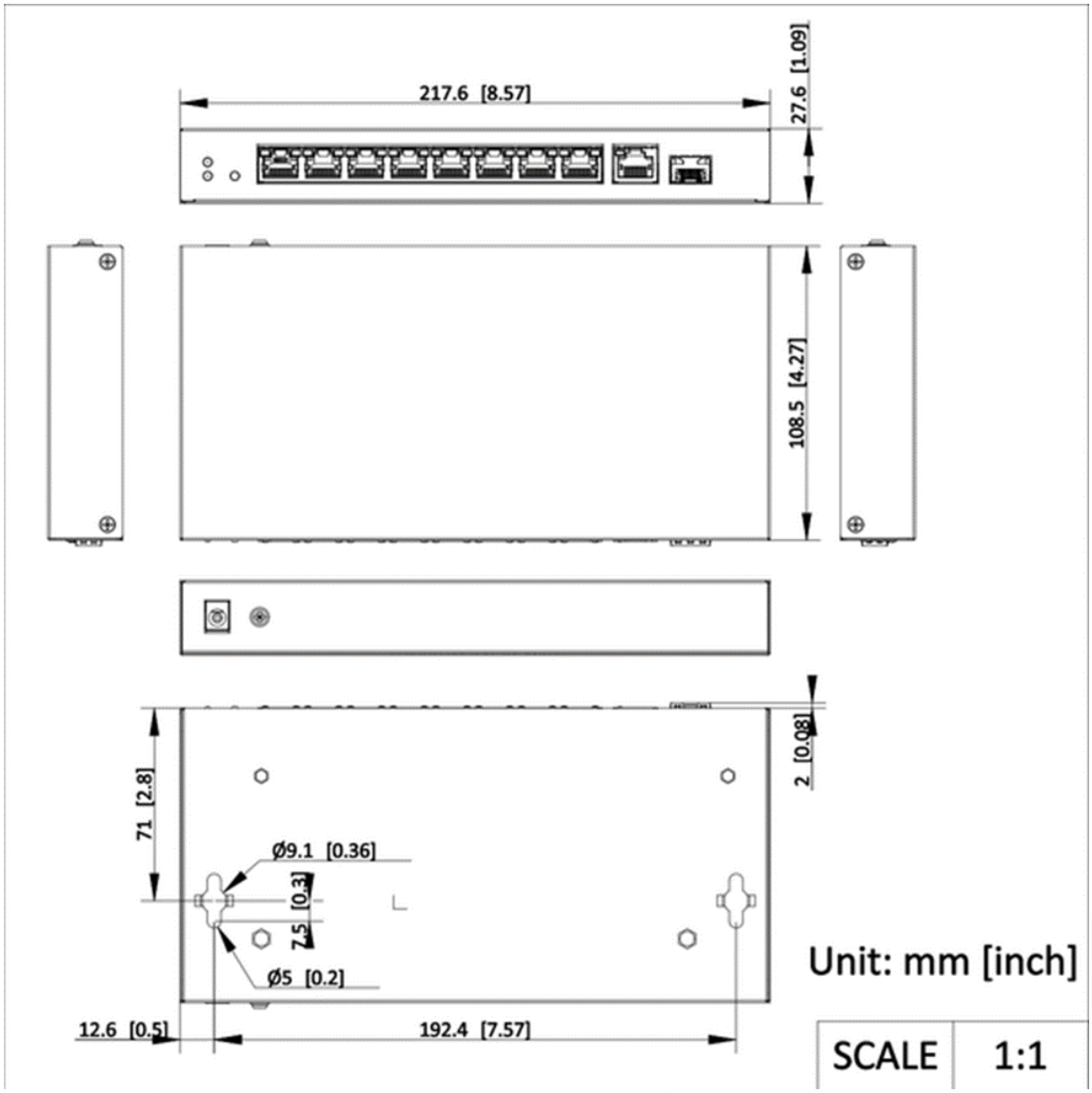
Rear Panel



No.	Indicator/Port	Indicator/Port
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. Note: The PoE-MAX indicator will be unlit in 5 seconds after the output power of the switch returns to normal.
②	Optical Port Indicator (Port 10)	● Solid on: The gigabit SFP fiber optical port is connected. ● Flashing: The gigabit SFP fiber optical port is transmitting data. ● Unlit: The gigabit SFP fiber optical port is disconnected or connection 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 provides power supply to a PD normally. ● Unlit: The switch is disconnected to a PD, or provides power supply to a PD abnormally.
⑤	PWR Indicator	● Solid on: The switch is powered on normally. ● Unlit: No power supply is connected or power supply is abnormal.

⑥	Gigabit PoE RJ45 Port	Used for connection to a PD via a network cable.
⑦	Gigabit RJ45 Port	Used for connection to another device via a network cable.
⑧	Gigabit SFP Fiber Optical Port	Used for connection to another device via an optical fiber when the port is plugged into with an optical module.
⑨	Grounding Terminal	Used for connection to a grounding cable to protect the switch from lightning.
⑩	Power Supply	Use the attached power cord and power adapter to connect the switch to a power socket.

▪Dimension



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