NS-0310P-80(B)
8 Port Fast Ethernet Unmanaged PoE Switch

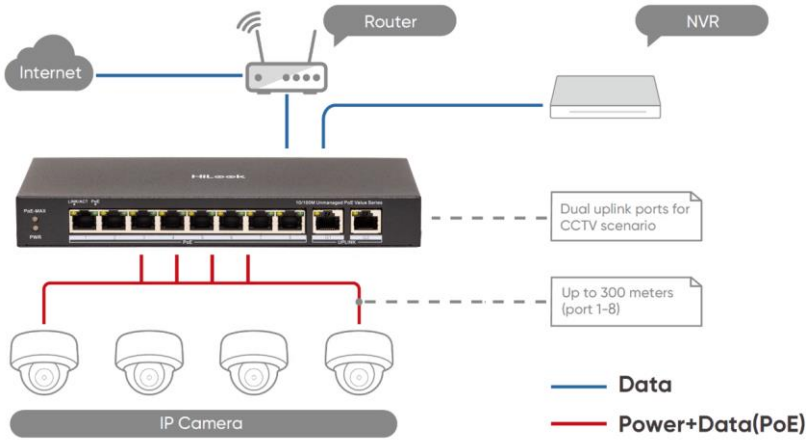
The device is a layer-2 10/100 Mbps PoE switch, providing PoE power supply technology and fast network design on the basis of network access to ensure stable data upload. The switch supports long range function.

- 8 × 10/100 Mbps PoE port, and 2 × Gigabit RJ45 port.
- IEEE 802.3at/af standard for PoE ports (Max. 80 W PoE output).
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z and IEEE 802.3ab standard.
- 6 kV surge protection for PoE ports.
- Up to 300 m long-range transmission.
- Wire-speed forwarding.
- Store-and-forward switching.
- Solid high-strength metal shell.
- Reliable fan-free design.

▪ Specification

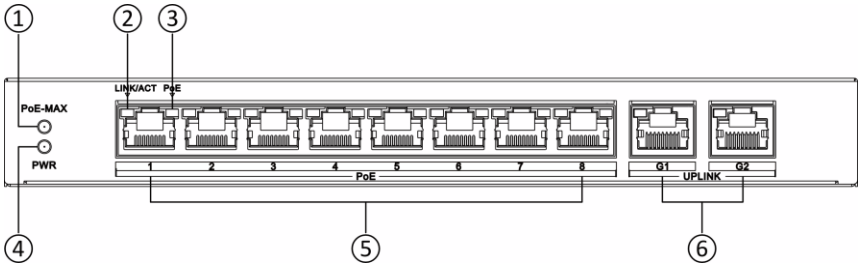
General	
Shell	Metal material
Net Weight	0.555 kg (1.22 lb)
Gross Weight	1.20 kg (2.65 lb)
Dimensions (W × H × D)	217.60 mm × 27.60 mm × 108.50 mm (8.56'' × 1.08'' × 4.27'')
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage Temperature	–40 °C to 85 °C (–40 °F to 185 °F)
Operating Humidity	5% to 95% (no condensation)
Relative Humidity	5% to 95% (no condensation)
Power Supply	54 V DC, 1.2 A
Max. Power Consumption	86 W
Power Consumption in Idle	5 W
Surge Protection	6 kV
Installation Mode	Desk-Mounted
Network Parameters	
Ports	8 × 10/100 Mbps PoE port,2 × Gigabit RJ45 port
MAC Address Table	8 K
Switching Capacity	5.6 Gbps
Packet Forwarding Rate	4.17 Mpps
Internal Cache	4 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	80 W
Dialing Function	
Long Range	Ports 1 to 8: up to 300 m. Long range performance may vary depend on camera model or cable condition.
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

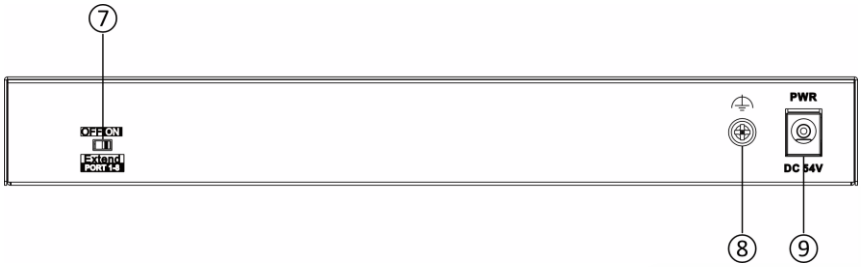


▪ Physical Interface

Front Panel



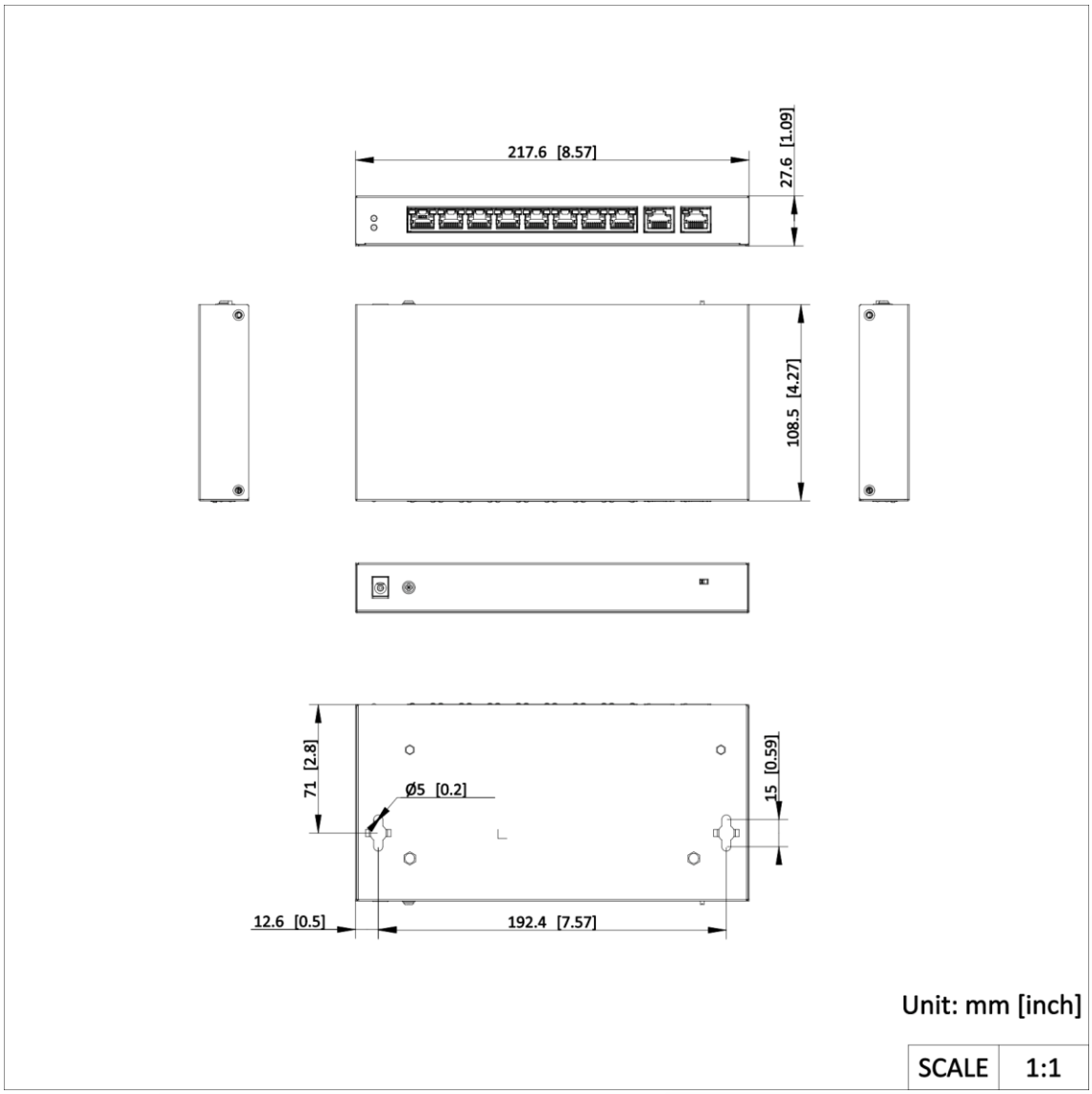
Rear Panel



No.	Indicator/Port	Description
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 supplies power to a powered device (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	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	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.
④	PWR Indicator	● Solid on: The switch is powered on normally. ● Unlit: No power supply is connected or power supply is abnormal.
⑤	100 Mbps 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	DIP Switch	Extend mode is supported: Ports 1 to 8 of NS-0310P-80(B) supports network transmission of up to 300 meters.
⑧	Grounding Terminal	Used for connection to a 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 power socket.

▪Dimension



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