NS-0518P-125(B)
16 Port Gigabit Unmanaged PoE Switch

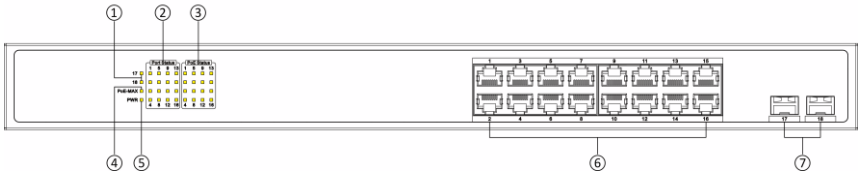
- 16 × Gigabit PoE port, 2 × Gigabit SFP fiber optical port.
- IEEE 802.3at/af standard.
- IEEE 802.3, IEEE 802.3u, and IEEE 802.3x standard.
- 6 kV surge protection for PoE ports.
- PoE power management.
- Gigabit network access.
- Wire-speed forwarding.
- Store-and-forward switching.
- Solid high-strength metal shell.

▪ Specification

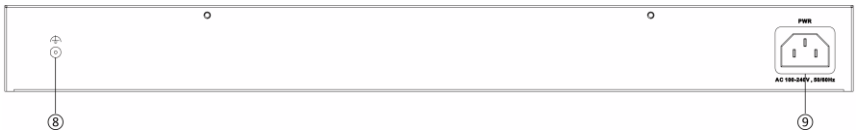
General	
Shell	Metal material
Net Weight	2.50 kg (5.51 lb)
Gross Weight	3.57 kg (7.87 lb)
Dimensions (W × H × D)	440.00 mm × 44.00 mm × 220.80 mm (17.30'' × 1.70'' × 8.70'')
Operating Temperature	0 °C to 45 °C (32 °F to 113 °F)
Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
Operating Humidity	5% to 95% (no condensation)
Relative Humidity	5% to 95% (no condensation)
Power Supply	100-240 V AC, 50/60 Hz, Max. 2.5 A
Max. Power Consumption	150 W
Power Consumption in Idle	25 W
Surge Protection	6 kV
Installation Mode	Rack (equipped with mounting ears)
Network Parameters	
Ports	16 × Gigabit PoE port,2 × Gigabit fiber optical port
MAC Address Table	8 K
Switching Capacity	36 Gbps
Packet Forwarding Rate	26.79 Mpps
Internal Cache	4.1 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 16
Max. Port Power	30 W
PoE Power Budget	125 W
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),IC (ICES-003: Issue 7:2020),RCM (AS/NZS CISPR 32: 2015)
Safety	UL (UL 60950-1),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)

▪ Physical Interface

Front Panel

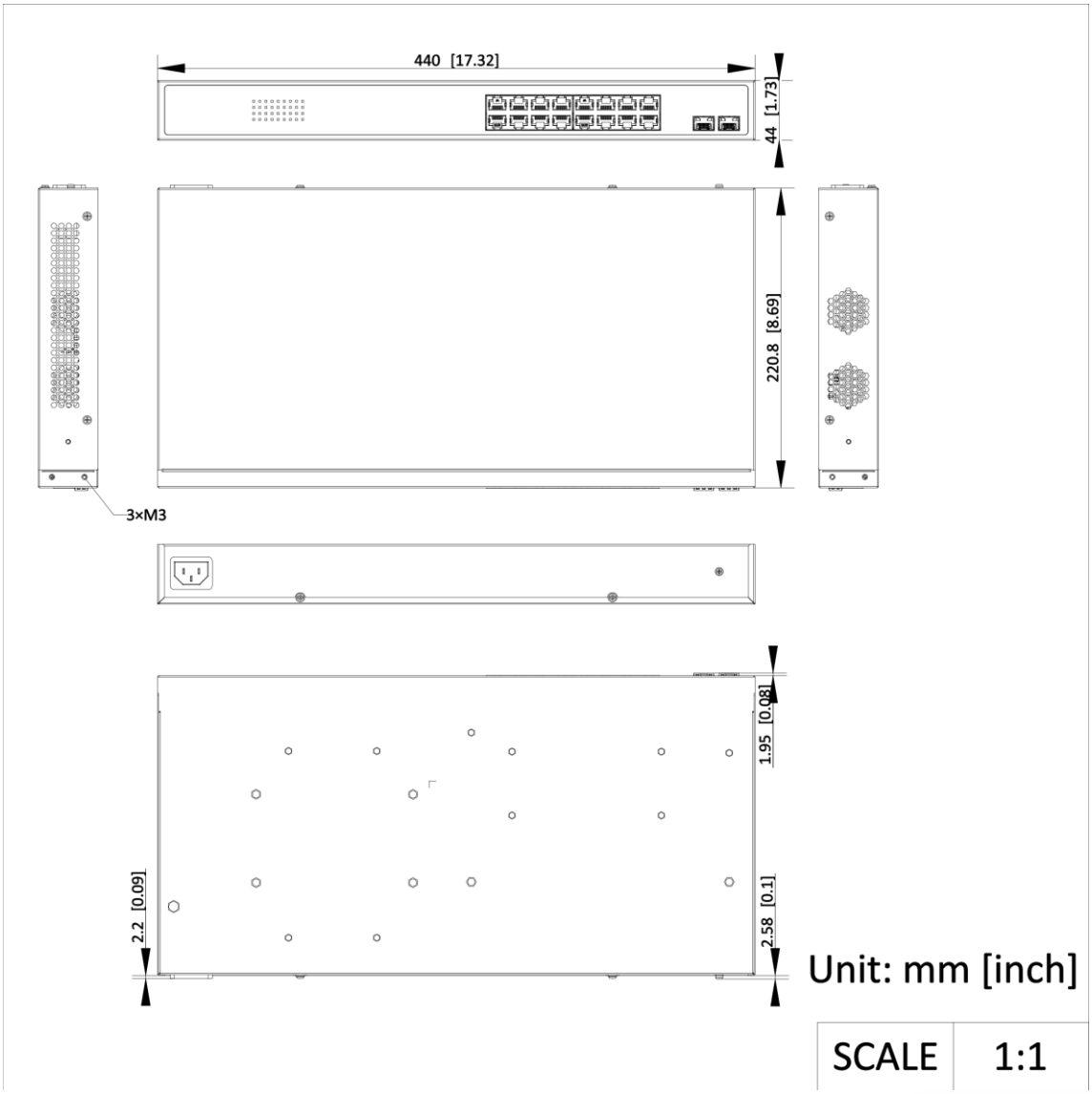


Rear Panel



No.	Indicator/Port	Description
①	Gigabit SFP Fiber Optical Port Indicator (Ports 17&18)	● 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.
②	Port Status Indicator	● Solid on: The port is connected. ● Flashing: The port is transmitting data. ● Unlit: The port is disconnected or connection is abnormal.
③	PoE Status Indicator	● Solid on: The switch provides power supply to a powered device (PD) normally. ● Unlit: The switch is disconnected to a PD, or provides power supply to a PD abnormally.
④	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 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.
⑤	PWR Indicator	● Solid on: The switch is powered on normally. ● Unlit: No power supply connected or power supply is abnormal.
⑥	Gigabit PoE RJ45 Port	Used for connection to a PD via a network cable.
⑦	Gigabit SFP Fiber Optical Port (Ports 17&18)	Used for connection to another device via an optical fiber when the port is plugged into with an optical module.
⑧	Grounding Terminal	Used for connection to a grounding cable to protect the switch from lightning.
⑨	Power Supply	Use the attached power cord to connect the switch to a power socket.

▪Dimension


440 [17.32]
44 [1.73]
220.8 [8.69]
3×M3
1.95 [0.08]
2.58 [0.1]
2.2 [0.09]
Unit: mm [inch]
SCALE 1:1

See Far, Go Further

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