

DS-3E0318P-E(D) **16 Port Fast Ethernet Unmanaged POE Switch**

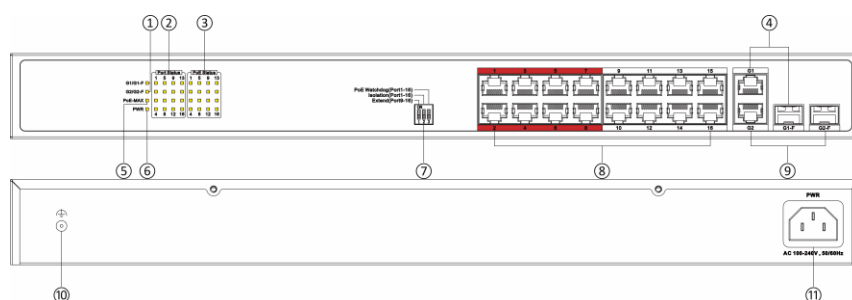


- 16 x 10/100M PoE Ports, 2 x Gigabit Combo Uplink Ports
- Total PoE Power Budget 230W
- IEEE802.3af/at Compliant, and 30W Max. Output Power for Each Port
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- 6 kV Surge Protection
- PoE watchdog to detect and restart the cameras that do not respond
- Port Isolation to Improve Network Security

▪ Specification

General	
Shell	Metal material
Net Weight	2.36 kg (5.2 lb)
Gross Weight	2.99 kg (6.59 lb)
Dimensions (W × H × D)	440.0 mm × 44.0 mm × 220.8 mm (17.32" × 1.73" × 8.69")
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 VAC, 50/60 Hz, Max. 4.0 A
Max. Power Consumption	250 W
Power Consumption in Idle	20W
Surge Protection	6 KV
Installation Mode	Rack (equipped with mounting ears)
Network Parameters	
Ports	16 × 10/100 Mbps PoE port, 2 × Gigabit combo
MAC Address Table	8 K
Switching Capacity	7.2 Gbps
Packet Forwarding Rate	5.36 Mpps
Internal Cache	4 Mbits
PoE Power Supply	
PoE Standard	IEEE 802.3af, IEEE 802.3at
PoE Power Pin	8-pin power: 1/2(-), 3/6(+), 4/5(+), 7/8(-)
PoE Port	PoE: Ports 1 to 16
Max. Port Power	30 W
PoE Power Budget	230 W
Dialing Function	
Long Range	Ports 9 to 16: up to 300 m. Long range performance may vary depend on camera model or cable condition.
Port Isolation	Ports 9 to 16: 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 16: auto detect and restart the cameras that do not respond.
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	CB (AMD1:2009, AMD2:2013, IEC 62368-1:2014 (Second Edition), CE-LVD (EN 62368-1:2014+A11: 2017)
Chemistry	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2018)

▪ Physical Interface



No.	Indicator/Port	Description
①	Gigabit RJ45 Port Indicator (when gigabit RJ45 port G1/G2 is connected)	Solid on: The port is connected. Flashing: The port is transmitting data. Unlit: The port is disconnected or connection is abnormal.
①	Gigabit SFP Fiber Optical Port Indicator (when gigabit SFP fiber optical port G1-F/G2-F is connected)	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	Gigabit Combo Port (G1/G1-F)	When connected to a network cable, the combo port is a RJ45 port. When plugged into with an optical module and connected to an optical fiber, the combo port functions as a fiber optical port. Note A combo port consists of a RJ45 port and a fiber optical port. You can use either the RJ45 port or the fiber optical port of a combo port, but cannot use them at the same time. For example, if RJ45 port G1 is connected, fiber optical port G1-F is unavailable. When connected to both a network cable and an optical fiber, the combo port works as a fiber optical port.
⑤	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

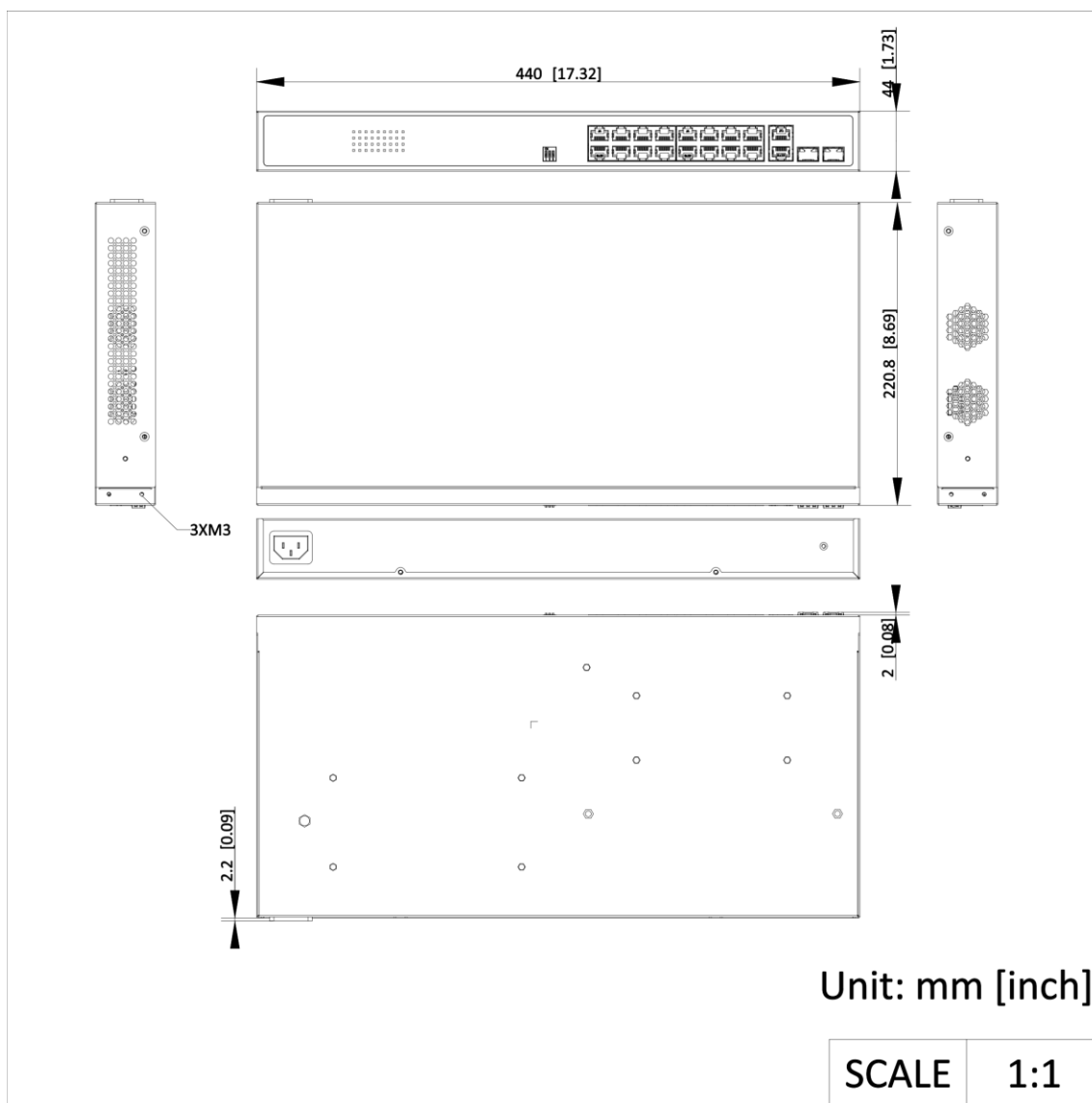
		power to a PD normally and its output power does not reach the upper limit. Note The PoE-MAX indicator will be unlit in 5 seconds after the output power of the switch returns to normal.
⑥	PWR Indicator	Solid on: The switch is powered on normally. Unlit: No power supply is connected or power supply is abnormal.
⑦	EXTEND DIP Switch	Enable or disable long-range transmission (EXTEND mode). When the DIP switch is set to "ON", the corresponding ports support up to 300 m network transmission with a port rate of 10 Mbps. When the DIP switch is set to "OFF", the corresponding ports support up to 100 m network transmission with a port rate of 100 Mbps.
⑦	Isolation DIP Switch	Enable or disable port isolation. When the DIP switch is set to "ON", port isolation is enabled. Ports in the same isolation group cannot communicate with each other. Data transmission via each port is isolated to enhance network security. When the DIP switch is switched to "OFF", port isolation is disabled. Ports can communicate with each other.
⑦	PoE Watchdog DIP Switch	Enable or disable PoE watchdog. When the DIP switch is set to "ON", PoE watchdog is enabled to automatically detect device connection statuses of corresponding ports and restart ports in case of communication failures. When the DIP switch is set to "OFF", PoE watchdog is disabled. Corresponding ports are no longer automatically detected and restarted in case of communication failures.
⑧	10/100 Mbps PoE RJ45 Port	Used for connection to a PD via a network cable.
⑨	Gigabit Combo Port (G2/G2-F)	When connected to a network cable, the combo port is a RJ45 port. When plugged into with an optical module and connected to an optical fiber, the

		combo port functions as a fiber optical port. Note A combo port consists of a RJ45 port and a fiber optical port. You can use either the RJ45 port or the fiber optical port of a combo port, but cannot use them at the same time. For example, if RJ45 port G2 is connected, fiber optical port G2-F is unavailable. When connected to both a network cable and an optical fiber, the combo port works as a fiber optical port.
⑩	Grounding Terminal	Used for connection to a grounding cable to protect the switch from lightning.
⑪	Power Supply	Use the attached power cord to connect the switch to a power socket.

▪ Available Model

DS-3E0318P-E(D)

▪ Dimension



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