

16-Port 100Mbps POE+ Ethernet Switch



FEATURES

- Intelligent Plug and Play Ethernet Switch
- 16 x 10/100Mbps RJ45 Ports (PoE+)
Port 1-2 ≤60W, Port 3-16 ≤30W, Total ≤135W
- 2 x 10/100Mbps RJ45 Ports (Uplink)
- 2 x 1000Mbps SFP Ports (Uplink)
- Long Distance PoE Transmission
- PoE Watchdog
- Operating Temperature: -10°C to 55°C

FUNCTIONS

Intelligent PoE

Provides control over power consumption and offers real-time monitoring to ensure power supplies receive priority with important ports and to prevent malfunctions caused by changes in power consumption. Supports ultra wide power supplies and is able to adapt to IP Camera power fluctuations.

Hi-PoE 60W (Orange Port)

In addition to the IEEE802.3af, IEEE802.3at and IEEE802.3bt standards, the orange port also supports a maximum power output of 60W for powering Hi-PoE devices.

Long Distance PoE

By dialing or enabling long-range transmission on the WEB interface, the transmission distance of a PoE port can increase up to 250m, meeting the requirements of wired transmission (bandwidth reduced to 10 Mbps).

PoE Watchdog

Adopts the innovative PoE Watchdog. PoE Watchdog can be switched on by toggling on PD Alive. It enables the switch to automatically detect the ports status and restart the failed port in case an IP Camera connection fails. This enables intelligent operation and maintenance management in its truest sense, reducing manual maintenance costs.



Intelligent
PoE



Long Distance
PoE



PoE
Watchdog

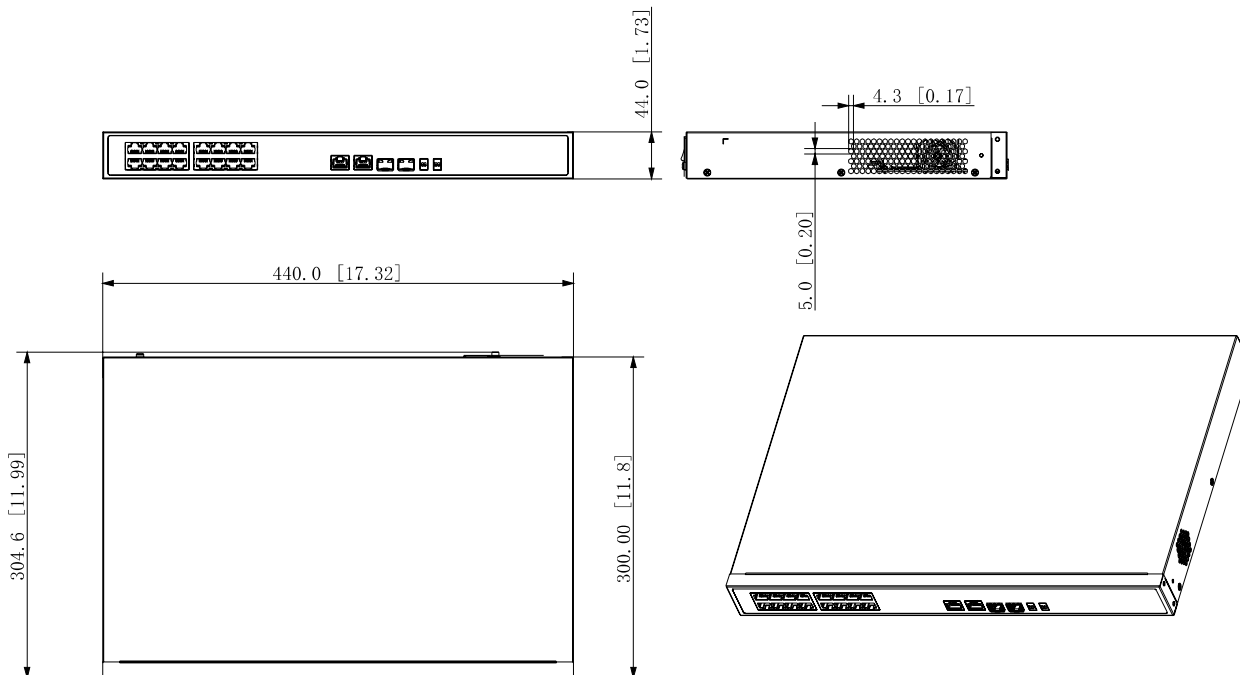


Wide Working
Temperature

PERFORMANCE	
Layer	Layer 2
Managed	No (Functional DIP switch provides port isolation, long distance power supply, PoE watchdog and QoS control)
Switching Capacity	7.2 Gbps
Packet Forwarding Rate	5.3568 Mpps
Packet Buffer Memory	4 Mbit
MAC Table Size	8K
HARDWARE	
Data Transmission Ports	1-16: 16 × RJ45 10/100Mbps
	17-18: 2 × RJ45 10/100/1000Mbps (Uplink)
	19-20: 2 × SFP 1000Mbps (Uplink)
Power Supply	100-240V AC
Operating Temperature	-10°C to +55°C
Operating Humidity	10%–90%

POE	
PoE Budget	Port 1–2 ≤60W, Port 3–16 ≤30W, Total ≤135W
PoE Pin Assignment	PoE/Hi-PoE: 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)
PoE Power Management	Yes
Long Distance PoE Transmission	Yes
Power Consumption	Idling: 5W
	Full load: 135W
PoE Standard	IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt
GENERAL	
Rack Mountable	Yes
VLAN	Port Isolation
QoS	Yes
System Maintenance	PD Alive
ESD	Air discharge: 8kV
	Contact discharge: 6kV
Lightning Protection	Common mode: 4kV
	Differential mode: 2kV
Dimensions	440mm × 300mm × 44mm (17.32" × 11.81" × 1.73")
Communication Standards	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z

DIMENSIONS (mm [inch])



PANELS

