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- > Unmanaged gigabit PoE switch.
- > Complies with IEEE802.3, IEEE802.3u, IEEE802.3ab, and IEEE802.3x,IEEE802.3z standards.
- > A wide operating temperature range and a full metal casing that is fully-enclosed and dust-proof.
- > Easy to install, and plug and play.
- > Meets the IEEE 802.3af and IEEE802.3at power supply standards.
- > Supports 250 m long-distance transmission mode.
- > Manages PoE power consumption and PoE power on/off. Automatically turns off PoE if an overload is detected.



Hardware

Included Power Adapter	Yes
PoE	Yes
Ethernet Port	16
Ethernet Port Speed	10/100/1000 Mbps
Optical Port Uplink Speed	1 Gbps
Description of Function Slots	Port 1-16:16 × RJ-45 10/100/1000Mbps(PoE) Port 17-18:2 × SFP 1000Mbps(Uplink)
Power Supply	Built-in power supply: 100–240 VAC; 50/60 Hz; 2.5 A (maximum)
Operating Temperature	–10 °C to +55 °C (+14 °F to +131 °F)
Operating Humidity	5%–95% (RH), non-condensing
Power Consumption	Idling: 9 W Full load: 135 W
Performance	
Layer	Layer 2

Management Type	No
Smart Managed Switch	No
Switching Capacity	36 Gbps
Packet Forwarding Rate	26.784 Mpps
Packet Buffer Size	4.1 Mbit
Jumbo Frame	9600 Byte
MAC Table Size	8K Byte
Communication Standard	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z
Feature	
PoE Protocol	IEEE 802.3af; IEEE 802.3at
PoE Power	Port 1–16 \leq 30 W; Total \leq 135 W
PoE Pin Assignment	1, 2, 4, 5 (V+), 3, 6, 7, 8 (V–)
ePoE	No
Long Distance PoE Transmission	Yes
General	
Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV
Lighting Protection	Common mode: 2 kV Differential mode: 0.5 kV
Net Weight	1.62 kg (3.57 lb)

Gross Weight	2.34 kg (5.15 lb)
Product Dimensions	285.0 mm × 189.5 mm × 43.7 mm (11.22" × 7.46" × 1.72") (L × W × H)
Packaging Dimensions	369 mm × 299 mm × 81 mm (14.53" × 11.77" × 3.19") (L × W × H)
Casing Material	Iron
Installation	Desktop mount; rack mount; wall mount
Certifications	CE

Installation

Transmission Performance:

Switch power supply voltage 53V.
CAT5E/CAT6. Max. DC resistance < 10 Ω/100 m

Cable(m)	Load Capacity(W)	Bandwidth(Mbps)
IEEE802.3bt 90 W		
100	71.3	100
150	62	10
200	51	10
250	40	10
Hi-PoE 60 W		
100	53	100
150	50	10

200	47	10
250	37	10
IEEE802.3at 30 W		
100	25.5	100
150	25.5	10
200	25.5	10
250	25.5	10

Note: Data from this table was collected by Dahua test lab and is for reference only . The actual transmission distance may vary due to power consumption of connected devices or the cable type and status.