



* The parameters and datasheets below can only be applied to V2.0 (version 2.0)

- > Intelligent PoE
- > Hi-PoE 60W (orange port)
- > 8-pin assignment PoE power supply
- > Long distance PoE
- > PoE watchdog
- > Wide working temperature



Hardware Feature

Ethernet Port	Port 1-4: 4 × RJ-45 10/100M (PoE) Port 5: 1 × RJ-45 10/100M (uplink)
PoE Power Consumption	Port 1 ≤ 60 W (Hi-PoE) port 2-4 ≤ 30 W total ≤ 60 W
Power Consumption	Idling: 0.8 W Full load: 60 W
Standard	IEEE802.3, IEEE802.3u, IEEE802.3x
PoE	

PoE Protocol	IEEE802.3af/ IEEE802.3at/ Hi-PoE
Power Supply Pin	1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)
Long Distance	250 m long distance PoE transmission
PoE Power Management	Yes
PoE Watchdog	Yes
Performance	
Switching Capacity	1.8 Gbps
Packet Forwarding Rate	744 Kbps
Packet Buffer Memory	1 Mbit
Flow Control	Enable by default
Working Temperature	-10 °C to +55 °C (+14 °F to +131 °F)
Application Humidity	5%– 95% (RH)
General	
Power Input	48 V – 57 V DC
Lighting Protection	Common mode: 4 kV Differential mode: 2 kV
ESD Protection	Air discharge: 8 kV Contact discharge: 6 kV
Wall-mount Installation	Yes
Anti-theft Lock Hole	Yes
Weight	0.30 kg (0.64 lb)

Dimension 130 mm × 85 mm × 26 mm (5.12" × 3.35" × 1.02")

Transmission Performance:

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

Cable(m)	Load Capacity(W)	Bandwidth(Mbps)
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IEEE802.3bt 90 W

100	71.3	100
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150	62	10
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200	51	10
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250	40	10
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Hi-PoE 60 W

100	53	100
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150	50	10
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200	47	10
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250	37	10
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IEEE802.3at 30 W

100	25.5	100
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150	25.5	10
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200	25.5	10
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250	25.5	10
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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.
