

 * 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

Data Transmission Port	Port 1-4: 4 × RJ-45 10/100 Mbps (PoE) Port 5-8: 4 × RJ-45 10/100 Mbps
Power Supply	48 V–57 V DC
Operating Temperature	–10 °C to +55 °C (+14 °F to + 131 °F)
Operating Humidity	5%–95% (RH)
Storage Temperature	–20 °C to + 70 °C (–4° F to + 158 °F)
Storage Humidity	5%–95% (RH)
Power Consumption	Idling: 0.8 W Full load: 60 W
Performance	
Capacity	1.8 Gbps
Packet Forwarding Rate	1.19 Mpps
Packet Buffer Memory	768 Kbit
MAC Table Size	2K
Communication Standard	IEEE802.3; IEEE802.3u; IEEE802.3x
PoE	

PoE Standard	IEEE802.3af; IEEE802.3at; Hi-PoE
PoE Power	60 W
Power Consumption Management	Yes
PoE Pin Assignment	1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)
Long Distance PoE	Supports 250 m (820.21 ft)

General

Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV
Thunder-proof	Common mode: 4 kV Differential mode: 2 kV
Net Weight	490 g (1.08 lb)
Product Dimensions	190 mm × 100 mm × 30 mm (7.48" × 3.93" × 1.18") (W × L × H)

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.
