

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

- > Intelligent PoE
- > BT 90W
- > 8-pin assignment PoE power supply
- > Long distance PoE
- > PoE watchdog
- > Wide working temperature



Hardware

Data Transmission Port	Port 1–8: 8 × RJ-45 10/100 Mbps (PoE) Port 9-10: 2 × RJ-45 10/100/1000 Mbps (Uplink)
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: 3 W Full load: 96 W
Performance	
Switching Capacity	5.60 Gbps
Packet Forwarding Rate	4.17 Mpps
Packet Buffer Memory	4 Mbit
MAC Table Size	8K
Communication Standard	IEEE802.3/IEEE802.3u/IEEE 802.3ab/IEEE802.3x

PoE

PoE Standard	IEEE802.3af; IEEE802.3at; Hi-PoE; IEEE802.3bt	
PoE Power	Port 1 ≤ 90 W, Port 2-8 ≤30 W, total ≤ 96 W	
Power Consumption Management	Yes	
PoE Pin Assignment	1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)	
Long Distance PoE	250 m long distance PoE transmission	
PoE Watchdog	Yes	
General		
Statics Protection	Air discharge: 8 kV Contact discharge: 6 kV	
Thunder-proof	Common mode: 4 kV Differential mode: 2 kV	
Net Weight	0.50 kg (1.10 lb)	
Gross Weight	1.32 kg (2.91 lb)	
Product Dimensions	190 mm × 100 mm × 30 mm (7.48" × 3.94" × 1.18")	
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.