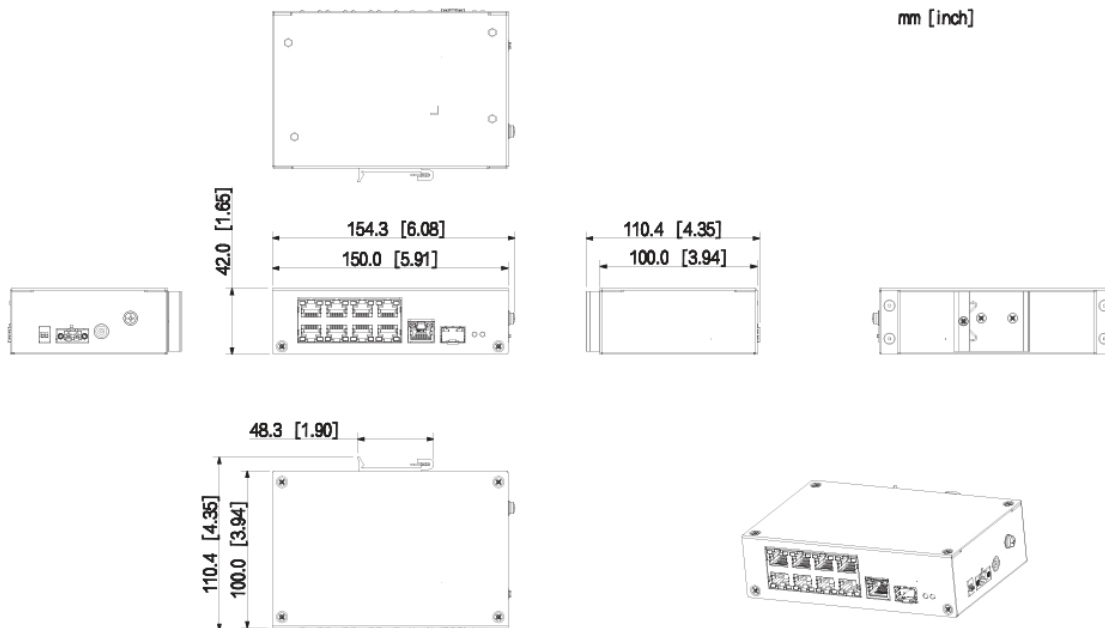


## 8-Port PoE Switch with Gigabit Uplink

- Intelligent PoE with 90W capacity
- 8-pin assignment PoE power supply
- Long-distance PoE capability
- PoE watchdog
- Wide working temperature range



## Dimensions



\*Design and specifications are subject to change without notice.

## Technical Specifications

Hardware		
Power Supply	48 V–57 V DC	
Power Consumption	Idling: 3 W Full load: 96 W	
Data Transmission Port	Port 1–8: 8 × RJ-45 10/100 Mbps (PoE) Port 9: 1 × RJ-45 10/100/1000 Mbps (uplink) Port 10: 1 × SFP 1000 Mbps (uplink)	
Operating Temperature	–30 °C to +65 °C (–22 °F to +149 °F)	
Operating Humidity	5% – 95% (RH)	
PoE		
PoE Standard	IEEE802.3af/ IEEE802.3at/ Hi-PoE/ IEEE802.3bt	
PoE Power	Port 1-2 ≤ 90 W, Port 3-8 ≤ 30W, total ≤ 96 W	
Power Consumption Management	Supported	
PoE Pin Assignment	1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)	
Long Distance PoE	250 m (820.21 ft) long distance PoE transmission	
Performance		
Capacity	7.6 Gbps	
MAC Table Size	8K	
Packet Forwarding Rate	4.17 Mbps	
Packet Buffer Memory	1 Mbit	
Communication Standard	IEEE802.3/IEEE802.3u/IEEE802.3X/IEEE 802.3ab/IEEE 802.3z	
General		
Lightning Protection	Air discharge: 8 kV Contact discharge: 6 kV	
ESD Protection	Common mode: 4 kV Differential mode: 2 kV	
Product Dimensions	150 mm × 100 mm × 42 mm (5.91" × 3.94" × 1.65")	
Net Weight	1.03 lbs (0.54 kg)	
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 in this table, collected by Inaxsys test lab, serves as a reference only. Actual transmission distances may vary based on connected device power consumption, cable type, and status.		

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