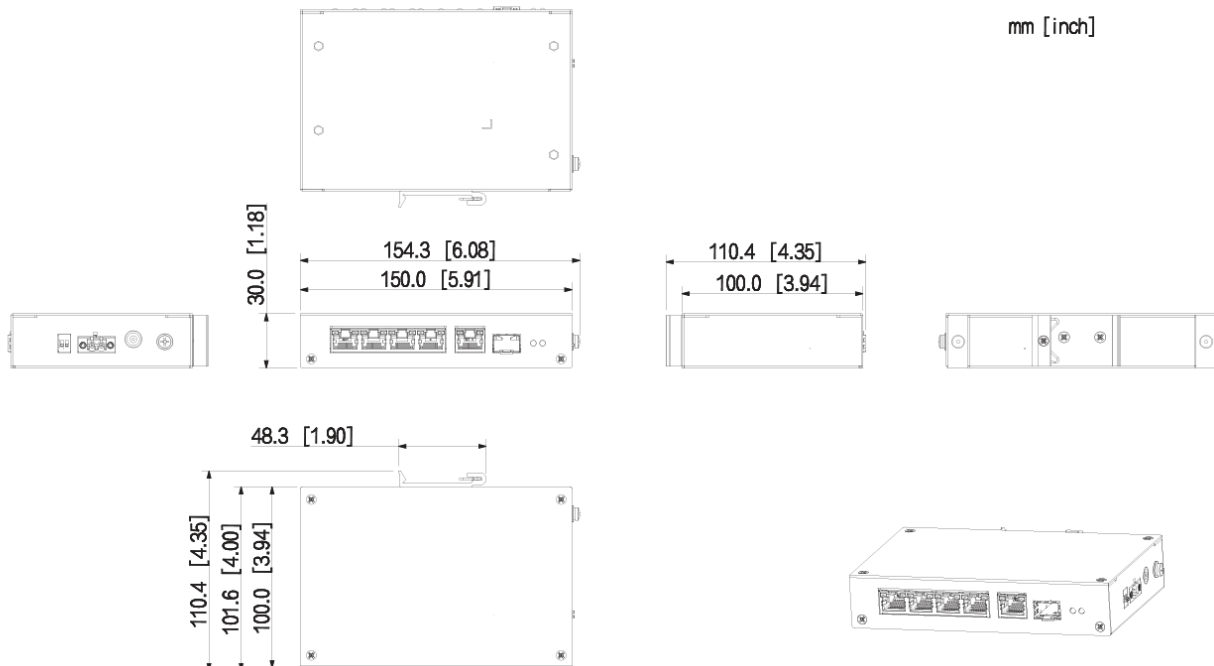


## 4-Port PoE Switch with Gigabit Uplink

- 250m PoE transmission range
- Operating temperature: -30°C to +65°C (-22°F to +149°F)
- Eight-Pin PoE power supply
- Intelligent PoE functionality
- Hi-PoE 60W support (Orange Port)
- PoE watchdog feature



## Dimensions



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

## Technical Specifications

Hardware		
Power Supply	53 VDC	
Power Consumption	Idling: 2.5 W; Full load: 60 W	
Data Transmission Port	Port 1–4: 4 × RJ-45 10/100 Mbps (PoE) Port 5: 1 × RJ-45 10/100/1000 Mbps (Uplink) Port 6: 1 × SFP 100/1000 Mbps (Uplink)	
Operating Temperature	−30 °C to +65 °C (−22 °F to +149 °F)	
Operating Humidity	5% – 95% (RH)	
Optical Port	1	
Ethernet Port	4	
Ethernet Port Speed	100 Mbps	
PoE		
PoE Standard	IEEE802.3af/ IEEE802.3at/ Hi-PoE	
PoE Power	60 W	
Power Consumption Management	Supported	
PoE Pin Assignment	PoE/Hi-PoE: 1, 2, 4, 5 (V+), 3, 6, 7, 8 (V-)	
Long Distance PoE	250 m (820.21 ft) long distance PoE transmission	
Performance		
Capacity	6.80 Gbps	
MAC Table Size	8K	
Packet Forwarding Rate	3.57 Mpps	
Packet Buffer Memory	1 Mbit	
Communication Standard	IEEE802.3 / IEEE802.3u / IEEE802.3X / IEEE 802.3ab / IEEE 802.3z	
General		
Lightning Protection	Air discharge: 15 kV; Contact discharge: 8 kV	
ESD Protection	Common mode: 4 kV; Differential mode: 2 kV	
Product Dimensions	150 mm × 100 mm × 30 mm (5.91" × 3.94" × 1.18") (L × W × H)	
Net Weight	0.99 lbs (0.45 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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