

Specification

Item	Description	
Power	Power Supply	Power Adapter
	Voltage Range	DC48V~57V
	Consumption	<3W
Ethernet Port	Ethernet Port	Ethernet port: 10/100Mbps
	Transmission Distance	Ethernet port: 0 ~ 100m
PoE	PoE Protocol	IEEE802.3af/at
	PoE Power Supply	End-span
	PoE Power Consumption	≤30W
Fiber Port	Fiber Port	SFP module, LC connector
	Bandwidth	155Mbps
	Transmission Distance	Depend on SFP module performance
Network	Compatible with	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX/FX
LED Status Indicator	Power	1 Green light
	Ethernet	Green light on the RJ 45 Socket
	Fiber	Link, SD, FED (3 green lights)
Protection	ESD	Level 3, Per: IEC61000-4-2
	Lightning Protection	Level 3, Per: IEC61000-4-5
Environmental	Working Temperature	0°C ~ 55°C
	Storage Temperature	-40°C~85°C
	Humidity (Non-condensing)	0~95%
Mechanical	Dimension (L x W x H)	103mm x 82mm x 25mm
	Material	Aluminum Alloy
	Color	Black
	Weight	172g

Product are subject to change without prior notice

Trouble Shooting

Please find the following solution when the device doesn't work

- Please confirm if the installation is correct;
- Please confirm if the RJ45 cable order is in accordance with the EIA/TIA568A or 568B industry standards;
- The maximum transmission distance depends on the signal source and cable quality, please do not over the maximum transmission distance;
- Please replace a normal device with a failure one to check if the device is broken;
- If the problem still exists, please contact the factory.

RJ 45 Making Method

Tools to make RJ45: wire crimper, network tester.

Wire sequence of RJ45 plug should conform with EIA/TIA568A or EIA/TIA568B standard.

- 1) Strip off the 2cm insulating layer to expose the 4 pairs UTP cable;
- 2) Separate the 4 pairs of UTP cable and straighten them;
- 3) Line up the 8 separated pieces of cables per EIA/TIA 568A or 568B;
- 4) Cut the cables to leave 1.5cm bare wire and make sure 8 thread ends are flat and neat ;
- 5) Insert 8 cables into RJ45 plugs, make sure each cable is inserted in each pin;
- 6) Then use wire crimper to crimp the RJ45;
- 7) Do the above 5 steps again to make the another end of the twisted pair and make sure consistent cable order between two ends ;
- 8) Using network tester to test the cable.

pin	color
1	white/green
2	green
3	white/orange
4	blue
5	white/blue
6	orange
7	white/brown
8	brown



EIA/TIA 568A

pin	color
1	white/orange
2	orange
3	white/green
4	blue
5	white/blue
6	green
7	white/brown
8	brown



EIA/TIA 568B



Notice

- Make sure both ends use EIA/TIA568A connection method when using RJ45 port.
- Make sure both ends use EIA/TIA568B connection method when using RJ45 port.

