

Note:

This product is only for indoor use. Please read the following safety notes carefully. If the equipment is used in a manner not specified by the manufacturer, the protection provided may be impaired. Indoor pollution degree 2. The device must be wiped with soft dry cotton cloth.

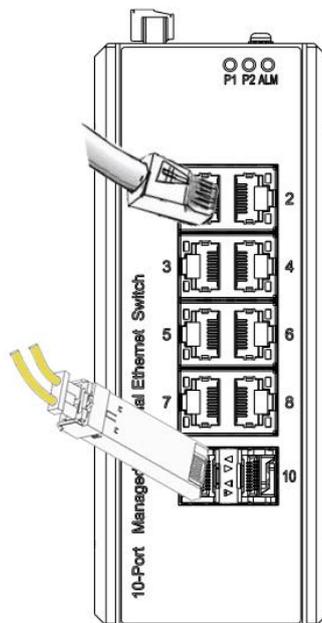
FEATURES

Protocol:	IEEE802.3 10/100/1000M	Size (WxHxD):	61 x 154 x 108 mm
Electrical/Optical Ports:	8 x 10/100/1000M RJ45	Net Weight:	<1.3KG
	8 x RJ45 + 2 x 100/1000M SFP	Operating Temp:	-40°C ~ 75°C
	8 x RJ45 + 4 x 100/1000M SFP	Installation:	DIN Rail-mounted (indoor)
	10 x RJ45 + 4 x 100/1000M SFP	IP Protection:	IP41
Input Voltage:	12 ~ 48VDC	Pollution Degree:	2
Power Consumption:	<12W	Humidity:	5%~95%, No Condensation

LED INDICATORS

LED	Color	State	Description
Power 1/2 (P1/P2)	Green	On	Power supply of P1/P2 is normal
		Off	Power supply of P1/P2 is abnormal
Fault	Red	On	One line of the power supply fails
		Off	Both lines of power supply are normal
Ports (RJ45 & SFP)	Green	On	Port is active and linked on
		Blinking	Port data is being transmitted
		Off	Port is not active or linked down
	Orange	On	Port links on 1000Mbps
		Off	Port links on 100/10Mbps

PORT CONNECTION DIAGRAM



RJ45 Port and SFP Port Connection Diagram

DIN-RAIL MOUNTING

Installation:

- 1) Ensure enough space for installation and good ventilation at the install location.
- 2) Insert the upper lip of the DIN-rail kit into the mounting rail (arrow 1 in Fig.1). Press toward rail until it snaps (arrow 2).

Removal:

- 1) Press down the device (arrow 1 in Fig.2).
- 2) Pull forward and lift to remove from the rail (arrows 2 and 3 in Fig.2).

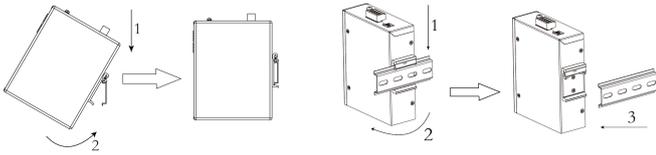
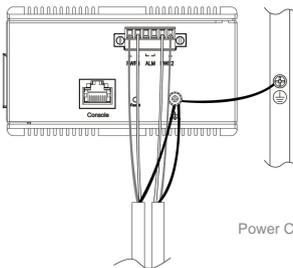


Fig.1 Installation

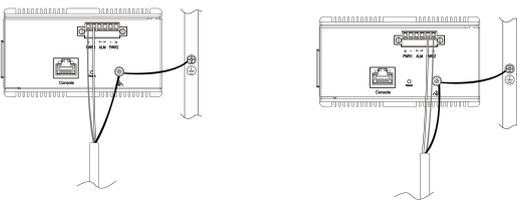
Fig.2 Removal

POWER CONNECTION

- Ensure DC power source voltage is stable before connecting.
- (+) connects to positive DC wire.
- (-) connects to negative DC wire.
- Power wire: 26-16AWG, torque: 0.2N-m
- Ground wire: 10AWG, torque: 5-6N-m
- Max wire working temp: <80°C
- Use copper conductors only!



Power Connection Diagram



CLI PORT CONNECTION

The switch has a CLI port (standard RJ45 connector) for configuration and monitoring.

Connect the CLI port to a PC serial port using the provided console cable, then run terminal emulation software.

Communication parameters:

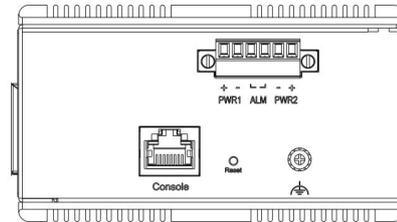
Parameter	Value
Baud Rate	115200
Data Bits	8
Stop Bit	1
Parity	None
Flow Control	None

RJ45 to DB9 Cable Wiring:

RJ45 Pin	Signal	DB9 Pin	Signal
1	RTS	1	DCD
2	DTR	2	RXD
3	TXD	3	TXD
4	GND	4	DTR
5	GND	5	GND
6	RXD	6	DSR
7	DSR	7	RTS
8	CTS	8	CTS

RESET BUTTON

The switch provides a Reset button on the top panel. Press the Reset button with a pin and hold for 5 seconds to restore factory default settings. The switch will restart.



Reset Button Location



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