

1 Unpacking

Open the carton and unpack the items. Your package should include:

- One EX94000 Switch

If any items are missing or damaged, notify your EtherWAN representative. If possible, save the carton and packing material in case you need to ship or store the switch in the future.

2 Equipment Needed

- Category 5 or better cable for RJ-45 ports
- Appropriate fiber cable for fiber ports

3 Select a Location

- Installation: DIN rail. Place the device on the DIN rail from above using the slot. Push the front of the device toward the mounting surface until it audibly snaps into place.
- Choose a dry area with ambient temperature between -40 and 75°C (-40 and 167°F).
- Keep away from heat sources, sunlight, warm air exhausts, hot-air vents, and heaters.
- Be sure there is adequate airflow.

4 Connect to the Data Ports

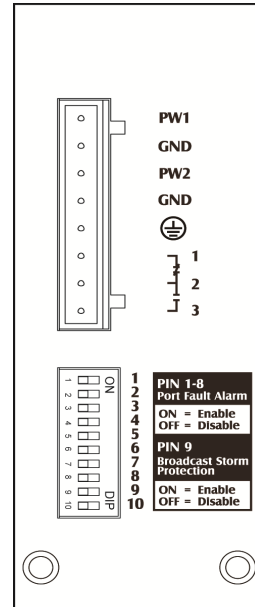
Depending on the model, your switch can have the following ports:

- 6 or 8 10/100BASE-TX ports
- 4 or 6 10/100BASE-TX ports + 1 or 2 100BASE-FX ports

5 Connect Power

Two power inputs are via a 12-48VDC terminal block, and the third power input is via a 12VDC DC Jack. Power consumption is:

- 9.12W Max. 0.76A @12VDC
- 0.38A @24VDC
- 0.19A @48VDC



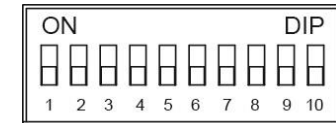
Power Input Assignment			
Power 2	+	12-48VDC	Terminal Block
	-	Power Ground	
Power 1	+	12-48VDC	
	-	Power Ground	
	⊕	Earth Ground	
Relay Output Rating		1A @ 250VAC	

Power-Up Sequence

When the switch is powered up:

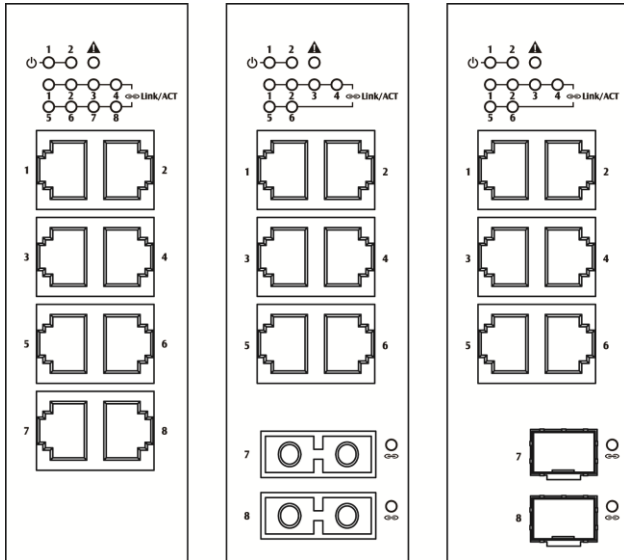
- All **Link/ACT** LEDs blink momentarily.
- The **Power** LEDs light up and stay lit.
- LEDs for every port connected to a device will flash, as the switch conducts a brief Power On Self-Test (POST).

6 DIP Switch Settings



DIP No.	On	Off
1	Port 1 Alarm Enable	Port 1 Alarm Disable
2	Port 2 Alarm Enable	Port 2 Alarm Disable
3	Port 3 Alarm Enable	Port 3 Alarm Disable
4	Port 4 Alarm Enable	Port 4 Alarm Disable
5	Port 5 Alarm Enable	Port 5 Alarm Disable
6	Port 6 Alarm Enable	Port 6 Alarm Disable
7	Port 7 Alarm Enable	Port 7 Alarm Disable
8	Port 8 Alarm Enable	Port 8 Alarm Disable
9	Broadcast Storm Protection Enable (Broadcast Storm will be dropped off when more than 3000pps)	Broadcast Storm Protection Disable
10	Reserved	

7 LED Indicators

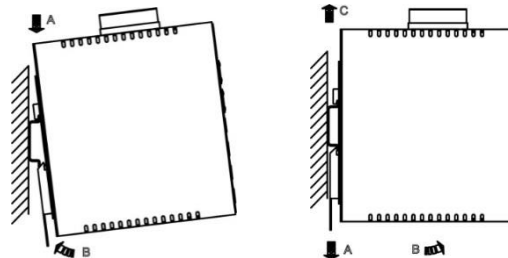


LED	State	Description
Power 1, 2 (Green)	On	Switch is powered ON correctly
	Off	Switch is not receiving power
Fault (Red)	On	Relay alarm on
	Off	Relay alarm off
10/100BaseTX or 100Base FX/BX Ports		
Link/Act (Green)	On	Network connection established
	Off	No link
	Blinking	Transmitting or receiving data

8 DIN Rail Installation

DIN-Rail Assembly Startup, and Dismantling

- Assembly:** Place the Switch on the DIN rail from above using the slot. Push the front of the Switch toward the mounting surface until it audibly snaps into place.
- Startup:** Connect the supply voltage to start up the Switch via the terminal block.
- Dismantling:** Pull out the lower edge and then remove the Switch from the DIN rail.



Manufacturer information:

EtherWAN Systems, Inc.

33F, No. 93, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City, 221 Taiwan

The full product manual can be downloaded from:

www.etherwan.com

