EX41922 Series Hardened Unmanaged Switch
Installation Guide

EtherWAN

1 Unpacking

Unpack the items. Your package should include:

➢ One EX41922 Series hardened unmanaged switch

➢ One CD containing this user's guide

If items are missing or damaged, notify your EtherWAN representative. Keep the carton and packing material.

2 Equipment Needed

➢ Appropriate cables for data ports

➢ SFP modules

3 Select a Location

➢ DIN rail installation: Insert the top of the rail clip onto the DIN rail track, and then push the bottom of the switch until it snaps into place.

➢ Identify a power source within 6 feet (1.8 meters).

➢ Choose a dry area with ambient temperature between -40 and 75℃ (-40 and 167ºF).

➢ Be sure there is adequate airflow.

4 Connect to the Data Ports

The EX41922 is equipped with:

➢ Two 10/100/1000BASE ports
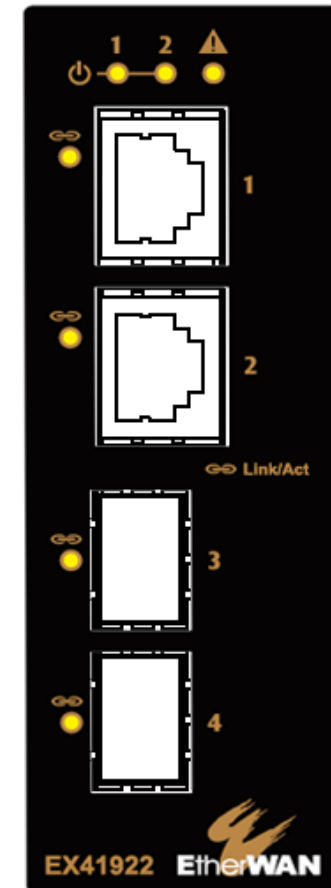
➢ Two 100/1000 SFP slots

10/100/1000BASE Ports

The switch is equipped with two 10/100/1000 Mbps RJ-45 ports. These ports can be connected to routers, other switches, or end devices. Use category 5e or higher UTP/STP cable.

Two 100/1000 SFP Slots

Your switch model has two SFP slots. SFP transceivers can be installed directly into these ports. Ensure that the same type of transceiver is used at both ends of the link and that the correct type of fiber cable is used.
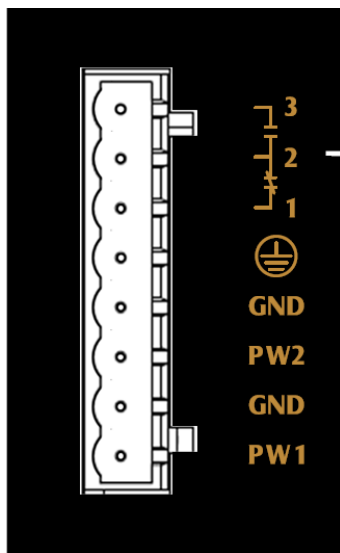
5 Front Panel Layout

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6 Apply DC Power

The switch is equipped with an 8-pin terminal block, with two power inputs having operating voltage of 12~48VDC, and a relay output with current 1A @ 250VAC :

Only one power input is required to operate the switch. However, redundant power supply functionality is supported.

7 Set DIP Switch

The switch has a 6-position DIP switch that controls the alarm status on each port. Alarms are sent through the relay output.

DIP Switch	Setting and Description
1	ON = Port 1 Alarm is enabled. OFF = Port 1 Alarm disabled.
2	ON = Port 2 Alarm is enabled. OFF = Port 2 Alarm disabled.
3	ON = Port 3 Alarm is enabled. OFF = Port 3 Alarm disabled.
4	ON = Port 4 Alarm is enabled. OFF = Port 4 Alarm disabled.
5	ON = Port 3 100SFP is enabled. OFF = Port 3 100SFP disabled.
6	ON = Port 4 100SFP is enabled. OFF = Port 4 100SFP disabled.

8 Relay Output Alarm

Alarm Contact (for two power inputs: PW1, PW2). Default state is PW1 and PW2 both off, Points 1 & 2 closed and Points 2 & 3 open.

Relay contact	PW1	PW2	Points 1 & 2	Points 2 & 3
Alarm state	Off	Off	Closed	Open
Alarm state	Off	On	Closed	Open
Alarm state	On	Off	Closed	Open
Non-Alarm	On	On	Open	Closed

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