1   Unpacking

Open the carton and unpack the items. Your package should include an EL1032T media converter and this Quick Install Guide. If items are missing or damaged, notify your EtherWAN representative.

Download the full manual at:
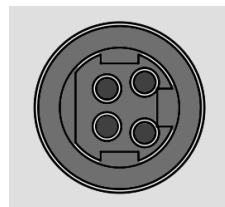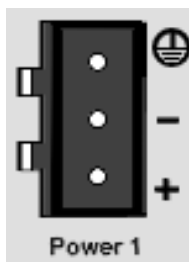
https://www.etherwan.com

2   Select Installation Location

Place the equipment where it will not be subjected to extreme temperatures, humidity, or electromagnetic interference. Specifically, the site you select should meet the following requirements:

- The ambient temperature should be between -10 and 60 degrees Celsius (14 to 140 degrees Fahrenheit).
- The relative humidity should be less than 95 percent, non-condensing.
- Make sure that the equipment receives adequate ventilation. Do not block the ventilation holes on each side of the equipment.

3   Connect Power

There are two power inputs for this device, a 3-pin terminal block and a 4-pin latched DC jack.

Power 1

Input voltage on the terminal block is:
48~52VDC for IEEE802.3af (15.4W)
52~57VDC for IEEE802.3at

Input voltage for latched DC jack is:
48VDC +/- 10%

4   Ports and Port Settings

The converter provides one TX port and one FX port. The TX port uses RJ-45 connector.

Port settings are made by means of a DIP (Dual Inline Package) switch at the rear panel of the module.
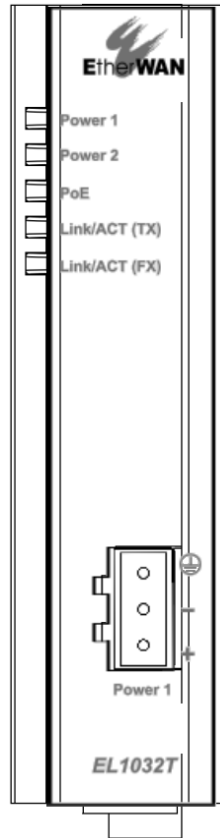
5   DIP Switch Settings

DIP Switch	ON	OFF
1	Enable forced mode for TX port	Enable auto negotiation for TX port
2	TX port forced to 10Mbps	TX port forced to 100Mbps
3	TX port forced to half duplex mode	TX port forced to full duplex mode
4	Enable Link-Fault-pass-Through	Disable Link-Fault-pass-Through

* LFPT=Link Fault Pass Through

Link-Fault-Pass-Through allows network operators to stay aware of network connection status. If a link fails, the function will disable the link on the other side, therefore notifying the connected device of the link failure.

6   LED Indicators

LED	State	Indication
Power 1/2	Steady	Power on
	Off	Power off
PoE	Steady	Powered device is connected
	Off	Powered device is disconnected
Link/ACT FX and TX	Steady	Valid network connection established
	Flashing	Transmitting or receiving data
	Off	No valid network connection or data transmission

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