EasyPoE Box Series Installation Guide

1 Unpacking

Unpack the items. Your package should include:

➢ One EasyPoE Box product
➢ Mounting adapter
➢ 3 x M20 filler plugs and 5 x M25 plugs

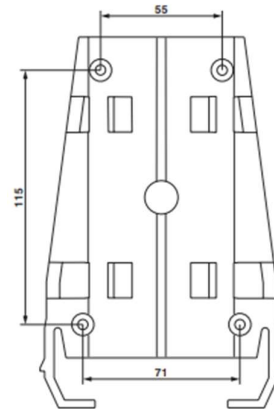If items are missing or damaged, notify EtherWAN. Keep the carton and package.

2 What Else You Need

➢ Open-end AC power cord, min. 18AWG
➢ Category 5 or better Ethernet cables
➢ SFP modules for optional fiber connectivity (applicable to models with SFP ports)
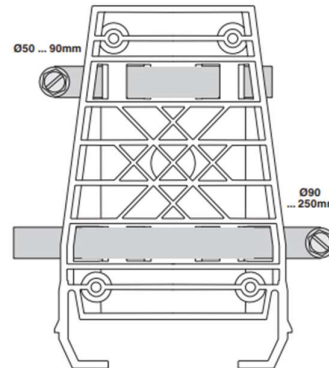➢ PC with an Ethernet (RJ45) interface and a web browser for configuration

3 Installation

➢ Mount and remove the product only when power is disconnected.
➢ Install the product on a load-bearing wall or a pole (with optional pole mounting clamps).
➢ Install the product in a level position with the cable glands pointing downward.
➢ For wall mounting, point the smooth side of the mounting adapter towards you and secure the adapter to the wall using four
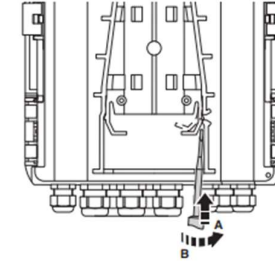
dowels and M6 screws.

➢ For pole mounting, point the ribbed side towards you and assemble the adapter with two pole clamps (inner openings for diameter 50-90mm and outer openings for diameter 90-250mm).
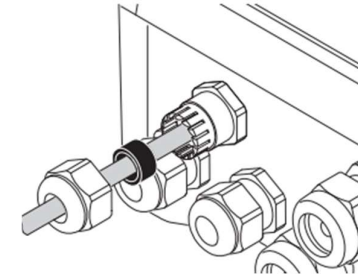

➢ After the mounting adapter is secure, place the EasyPoE Box onto the adapter from the top until it is locked securely in place.
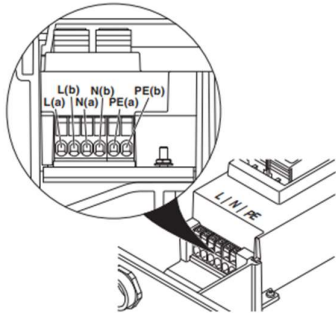
➢ To remove the product, insert a screwdriver through the opening on the rear side and lift the snap-in latch out.

➢ Guide cables through the cable glands by loosening the nut and removing the seal insert. Ensure that the seal insert tightly encloses the cable.

➢ Before connecting the power cord, make sure power is disconnected. Connect a grounding cable to the grounding screw. Connect the conductors.
➢ After connecting the power cord, press the ON/OFF switch on the side of the power supply to turn on the device.

4 Configuration

➤ After the unit powers up, connect a PC to the configuration port (labeled CONF).

➤ IP address will be assigned via DHCP by default. Make sure that a DHCP server, such as a router, is available.

➤ Retrieve the IP address from the DHCP server and access the web configuration page via a browser using the default credentials below.

➤ Username: **admin**; Password: **private**

➤ The EasyPoE Box is a collaboration between EtherWAN Systems and Phoenix Contact. As such, you may see references to Phoenix Contact, this is normal.

➤ For security purposes, make sure to change the password during initial configuration.

➤ To access the configuration page via a static IP address, see the section below.

5 Setting Static IP Address

➤ The operating mode of the switch can be changed via the Mode button.

➤ If a DHCP server is not available, use the following method to set up a static IP address.

➤ After the switch boots up, as soon as all LEDs turn off, press and hold the Mode button for at least 5 seconds.

➤ Note that there is a limited amount of time that the LEDs remain off and if LEDs come on again, it will not be possible to change the mode.

➤ Once all LEDs are solid green, release the button.

➤ The "Exit without change" function is active by default.

➤ To select the static IP address function, press the button to toggle between the functions until the function is chosen.

➤ Below is a table of the different functions with the corresponding LED patterns.

Function	CONF		UP 2		UP 1	
Exit without change	○	○	○	○	○	●
Resetting to factory defaults	○	○	○	○	●	●
Static IP address (192.168.0.254)	○	○	○	●	●	●
DHCP (standard IP configuration)	○	○	●	●	●	●
BootP	○	●	●	●	●	●
Unmanaged mode	●	●	●	●	●	●

➤ To apply and save the setting, press and hold the Mode button again for at least 5 seconds until all LEDs are solid and release the button.

➤ In a web browser, type the static IP address of http://192.168.0.254 in the address bar and log in to the switch.

6 System LEDs

LED	Color	Status
PWR	Green	On = Device switched on
AUX	Green	On = 24VDC output
LINK	Green	ON = 10/100M
	Orange	ON = 1000M
PoE	Green	FLASH = Searching for powered device (PD)
		ON = Power supplied to PD
	Orange	ON = Force mode, PoE voltage present
		FLASH = Error, e.g. negotiated performance exceeded
All LEDs	Green	ON = Boot process.