EasyPoE® Lite Series

NEMA-Rated Indoor/Outdoor Complete Security Cabinet Solution

Overview

EtherWAN's EasyPoE® Lite series is an integrated solution that combines a PoE switch, power supply, and a surge suppressor, all in a single, secure, NEMA 4X rated cabinet enclosure. Equipped with either 4 or 8 gigabit PoE ports that provide a full 30W max PoE output per port (with a power budget of 120W for 4-ports and 240W for 8-ports), the EasyPoE Lite series provides the power, time-saving design, and convenience to support a wide variety of applications including surveillance and other networking applications.

EtherWAN — "When Connectivity is Crucial."

Highlights

➕ NEMA-Rated Indoor/Outdoor Design for Non-Ventilated & Harsh Environments

Wide operating temperature -40 to 75°C (-40 to 167°F)

Fanless, integrated design

Weather-resistant, anti-corrosion, and vandal-resistant design

➕ Time/Cost Saving Features

Integrated components ready out of the box

Wall and pole mountable (pole mounting kit option available)

Preinstalled bulkheads for cable connections

➕ Replaceable Hardened Components

The integrated PoE switch comes with 4 or 8-port options at full 30W PoE per port

Outdoor-rated, IP67 power supply

Optional surge suppressor

Specifications

✚ Interface

Ethernet Port

- 10/100/1000BASE-T PoE: 5 or 8 ports
- 1000BASE SFP: 2 ports (Only for the 8-port switch)

LED Indicators

- Per Unit: Power 1, Power 2, Power 3, Relay
- Per Port: Link/Activity, PoE

Alarm Contact

- 1x Relay Output

✚ Technology

Standards

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX/100BASE-FX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3x full duplex and flow control
- IEEE 802.3af/at/bt Power over Ethernet

Forward/Filtering Rate

- 14,880pps for 10Mbps
- 148,880pps for 100Mbps
- 1,488,000pps for 1000Mbps

Processing Type

- Store-and-Forward
- Auto-Negotiation
- Half-duplex back-pressure full-duplex flow control
- Auto MDI/MDIX

Address Table Size

- 4-Port Switch: 2K
- 8-Port Switch: 11K

✚ Physical

Casing Material

- Polycarbonate (PC)

IP Rating

- IP67

NEMA Rating

- NEMA 4/4X

Impact Protection

- IK10

Dimensions

- 11.75" x 5.22" x 13.81"(W x D x H)
  298mm x 127 x 351mm (W x D x H)

Weight

- 8.9lbs (4.3Kg)

Installation Type

- Wall or Pole Mounting

✚ Power

Input

- 100-277VAC

PoE Power Budget

- 4-Port Switch: 120W @ 75°C
- 8-Port Switch: 240W @ 75°C

✚ Environmental

Operating Temp.

- -40 to 75°C (-40 to 167°F)

Storage Temp.

- -40 to 85°C (-40 to 185°F)

Relative Humidity

- 10% to 95% (non-condensing)

MTBF

- 450,000 hours

✚ Warranty

Length

- Limited Lifetime

Details

- www.etherwan.com/support/warranty-policy

✚ What's Included

Device

- EasyPoE® Lite

Installation

- Wall Mounting Adapter

Documentation

- Quick install guide

✚ Regulatory

ISO

- Manufactured in ISO-9001 facility

EMI

- FCC Part 15B Class A
- EN 55.32/35

EMS

- EN 61000-4-2 (ESD)
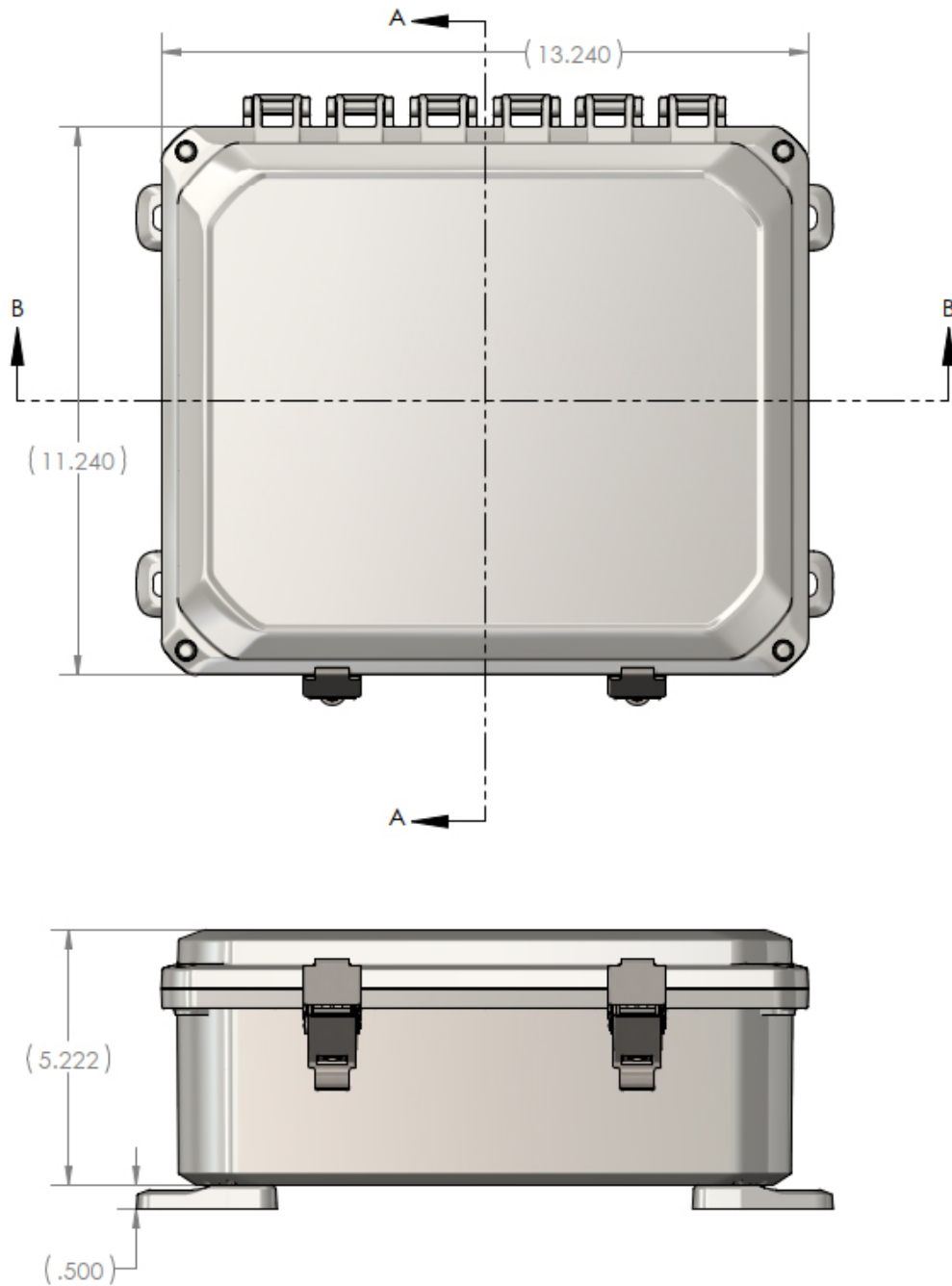- EN 61000-4-4 (Burst)
- EN 61000-4-5 (Surge)

Safety

- UL 60950-1

Vibration

- IEC 60068-2-6

Shock

- IEC 60068-2-27

Dimensions

Ordering Info

➕ Model

EASYPOE4B	4-Port 10/100/1000BASE-T PoE + 1-Port 10/100/1000BASE-T RJ45
EASYPOE4P	4-Port 10/100/1000BASE-T PoE + 1-Port 10/100/1000BASE-T RJ45 + Surge Suppressor
EASYPOE8B	8-Port 10/100/1000BASE-T PoE + 2-Port 1000BASE SFP
EASYPOE8P	8-Port 10/100/1000BASE-T PoE + 2-Port 1000BASE SFP + Surge Suppressor
EASYPOE4B-PMT	4-Port 10/100/1000BASE-T PoE + 1-Port 10/100/1000BASE-T RJ45 w/ Pole Mount Kit
EASYPOE4P-PMT	4-Port 10/100/1000BASE-T PoE + 1-Port 10/100/1000BASE-T RJ45 + Surge Suppressor w/ Pole Mount Kit
EASYPOE8B-PMT	8-Port 10/100/1000BASE-T PoE + 2-Port 1000BASE SFP w/ Pole Mount Kit
EASYPOE8P-PMT	8-Port 10/100/1000BASE-T PoE + 2-Port 1000BASE SFP + Surge Suppressor w/ Pole Mount Kit

➕ Accessories

EASYPOEPMT	Pole Mounting Kit for EasyPoE Lite Series
Hardened Gigabit SFP Modules	www.etherwan.com/us/products/sfp-fiber-transceiver