CopperLink™ IP67/Outdoor Multi-port PoE Extender

Model CL1402E/IP67

Patton's CL1402E/IP67 is a rugged multi-port PoE extender that enables extended reach network connectivity in harsh locations where no power is available.

Ethernet and PoE Extension
Doubles 10/100/1000 Ethernet and PoE to 656 feet (200m). Multiple units can be daisy-chained for even longer extensions.

Compliant to all PoE Standards
Works from 802.3af (15 watts or less) up to 802.3bt (90 watts)

Operates over Cat 5e/6
No special cable required; these extenders operate over standard networking cable.

Transparent LAN Operation
Completely transparent operation ensures maximum throughput, minimum latency, and best of all: interoperability with any network-enabled device.

No External Power Required
Our device acts as a PD, meaning it takes power from any standards-based PoE switch, injector, or another CL1400.
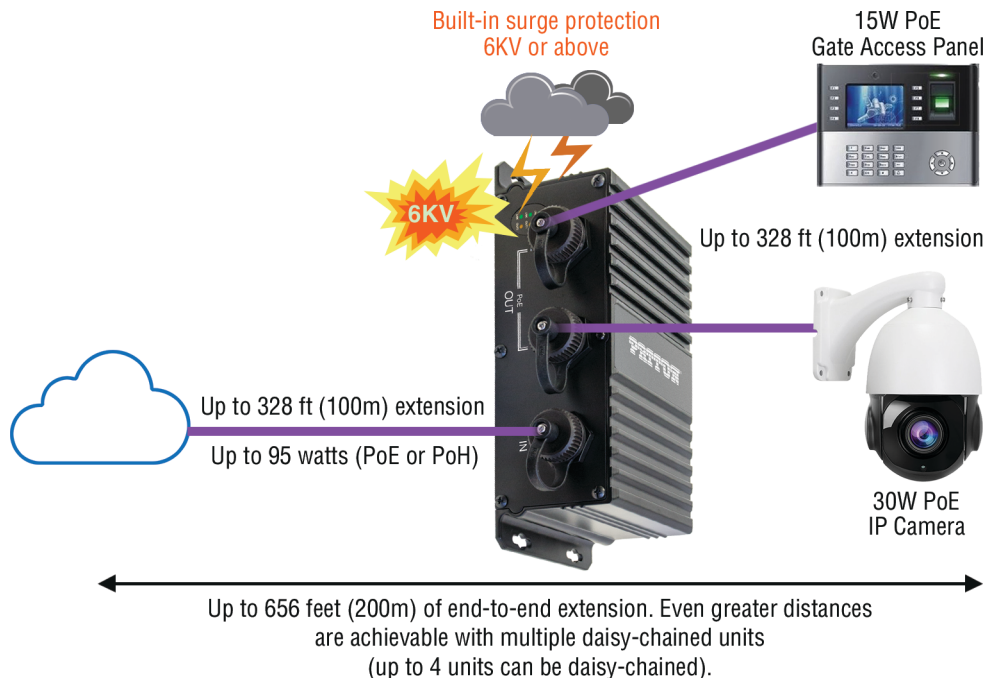
TAA Compliant
Top-notch quality and reliability with local support.

Patton's CL1402E/IP67 is a weatherproof extended temperature PoE extender that does not require any AC or DC power outlets. The available power, industrial build, and gigabit bandwidth makes this product suitable for many different applications.

The CL1402E/IP67 is equipped with a gigabit 95-watt PD input (PoE) and 2 gigabit PoE outputs capable of 15–60 watts of PoE power (depending on the power budget). The CL1402E/IP67 has a built-in power booster that ensures a stable voltage output is available to your high power PDs (PoE powered end-points).

Harness the true power and flexibility of power over Ethernet!

Visit patton.com to view our huge selection of Power over Ethernet and other network connectivity products.

Built-in surge protection 6KV or above

15W PoE Gate Access Panel

6KV

Up to 328 ft (100m) extension

Up to 328 ft (100m) extension
Up to 95 watts (PoE or PoH)

30W PoE IP Camera

Up to 656 feet (200m) of end-to-end extension. Even greater distances are achievable with multiple daisy-chained units (up to 4 units can be daisy-chained).

CL1402E/IP67 application

PATTON®
let's Connect!™

Specifications*

Ethernet Interfaces

1 x Water-resistant RJ-45 10/100/1000BaseT(X) Data/Power input (95W) PD

2 x Water-resistant RJ-45 10/100/1000BaseT(X) Data/Power output (60W) PSE

Auto MDI-X / MDI crossover

Auto Negotiation, 10/100/1000 Mbps

Auto-Negotiation, Full or Half Duplex

Line Protection

ESD: Air 8KV DC Contact: 6KV DC

Surge: 6KV

Ethernet

Auto-Sensing 10/100/1000 Base-TX

Supports Flow Control (IEEE803.x)

Store-and-Forward Switching

Switch Fabric: 6 Gbps backplane

Data Buffer: 1Mbit

Jumbo Frame Support: 10Kbit

MAC Address Table: 8K; auto-learning

IEEE Standards

IEEE 802.3 10Base-T Ethernet

IEEE 802.3u 100Base-TX Fast Ethernet

IEEE 802.3ab 1000Base-T Gigabit Ethernet

IEEE802.3af for PoE

IEEE802.3at for PoE+

IEEE802.3bt for high power PoE

Management

Plug and Play operation

LEDs:

- IN (Amber): ON—Power is detected; OFF—Power not detected
- OUT1 (Amber): ON—PSE activated & PD is detected; Flashing—PSE is detected PD
- OUT2 (Amber): ON—PSE activated & PD is detected; Flashing—PSE is detected PD
- LNK (Green): ON—TX port is detected; Flashing—TX data is transmitting/receiving

Regulatory Approvals

EMC/EMS:

- CE, FCC 15B Class A, VCCI

Safety:

- UL 60950-1 (pending)
- IEC EN60950-1

Free Fall: EN60068-2-32

Shock: EN60068-2-27

Vibration: EN60068-2-6

Power

PoE Input: 50–57 VDC, max. 95 watts

Terminal Block (DC Input), max. 200 watts

Power Consumption

3 watts without PoE load

PoE

PD PoE Power Input (15–95 watts)

PSE PoE Power Output max. 60 watts

Physical

Dimensions

1.19W x 4.28H x 3.36D in. (30.2W x 108.7H x 85.3D mm)

Weight

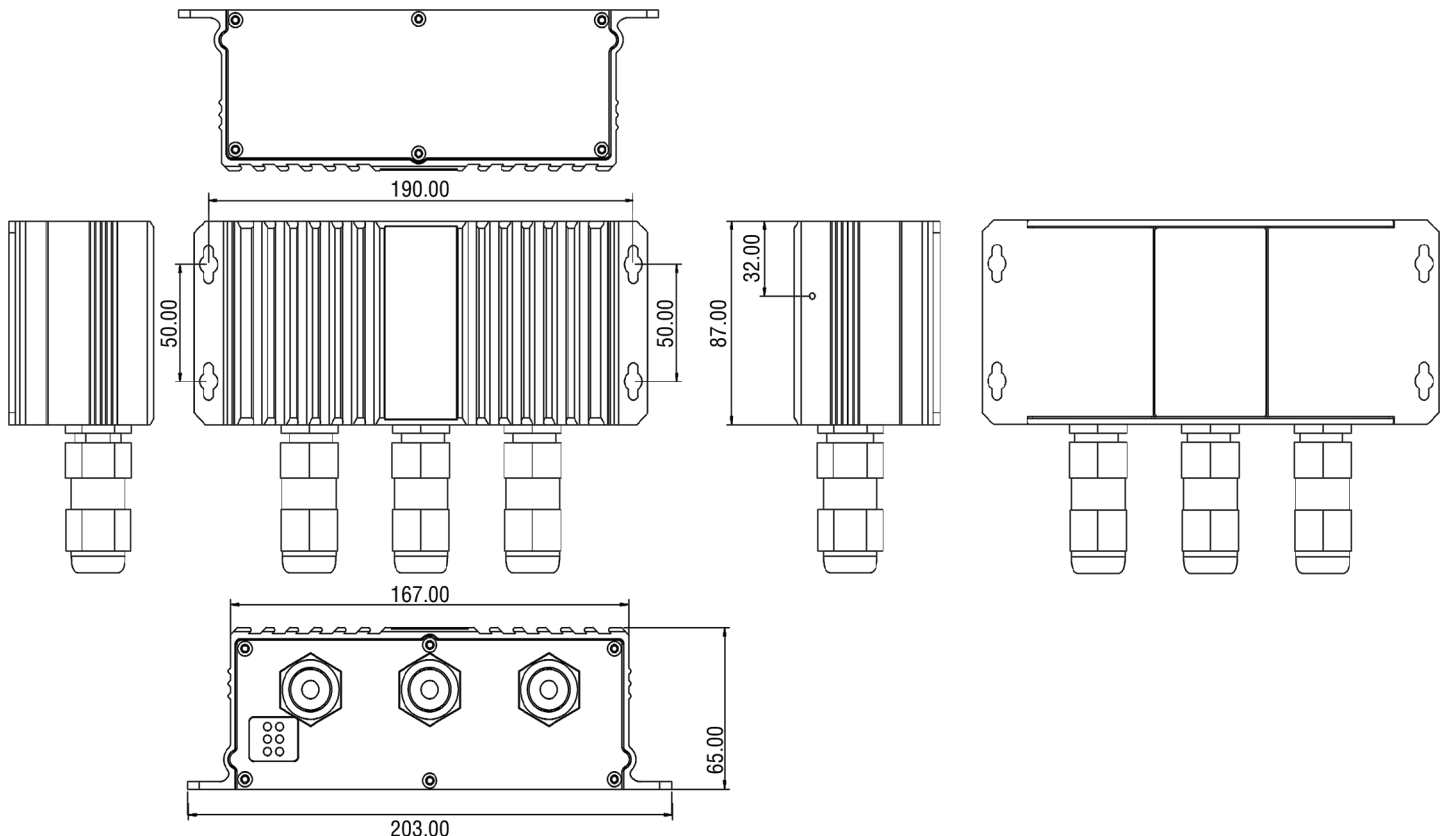1 lb (0.45 kg)

Environmental

Ambient Temperature

- Operating: -40 to 167°F (-40 to 75°C)
- Storage: -40 to 185°F (-40 to 85°C)

Relative Humidity

5 to 95% non-condensing

Protection Class

IP67 (certified)

Specifications subject to change without notice