

**PoE DIN Rail
Power Assembly**

Product Description

Code Blue offers several ways for locations to take advantage of **Power over Ethernet(PoE)** to eliminate the cost of running electrical facilities to your emergency communication solutions, reducing the cost of your system and providing additional flexibility and networking capabilities. These options include PoE splitters & injectors, along with complete power assemblies for Help Points®.

Phones

Many of Code Blue's VoIP phones can be powered via PoE. This includes Centry®, IP1500/1501, IP2500/2501, LS1000, & LS2000 models of Help Points® & Speakerphones.

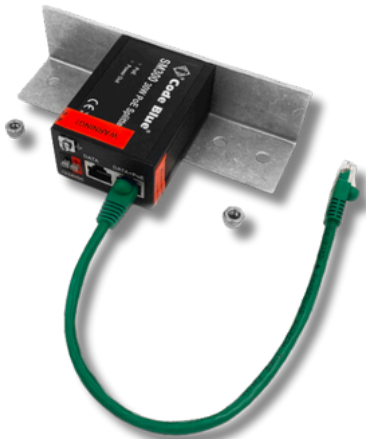
Enclosures

Additionally, many Code Blue Help Points® and enclosures can be configured and ordered with PoE as the incoming power source. These include:

- CB 1-e
- CB 1-s
- CB 2-a
- CB 2-e
- CB 2-s
- CB 4-r
- CB 4-s
- CB 4-u
- CB 5-s
- CB 5-p
- CB 6-f
- CB 6-s
- CB 9-s
- CB 9-t

Retrofit Power Systems

If you encounter a situation that may require the removal of existing AC or DC voltage that powers a Code Blue unit, please reach out to us as we retrofit power systems that can be installed to keep your Help Point® functioning as needed, with minimal installation requirements.



**Standard
Power Assembly**

Note: Specifications subject to change without notice or obligation on the part of Code Blue Corporation.

PoE Splitters



Standard PoE Splitter

Converts PoE Power to 12/24VDC

- **Dimensions:** 2.13" x 3.00" x 1.40" (5.41 x 7.62 x 3.56cm)
- **Input:** IEEE 802.3af, 15.4W or 802.3at, 30W
- **Output:** Selectable
 - 12V DC @ 2.5A
 - 24V DC @ 1.25A
- **Connections:**
 - **Input Power & Data:** RJ45
 - **Power Output:** Push Connector
 - **Data Output:** RJ45
- **Data Rate:** Standard 10/100Mbps
- **Status LEDs**
 - **PoE:** Red
 - **12/24VDC Output:** Green (if available)



Passthrough PoE Splitter w/ 12VDC Output

Converts PoE Power to PoE & 12VDC Output

- **Dimensions:** 5.00" x 4.00" x 2.00" (12.7 x 10.16 x 5.08cm)
- **Input:** 48V 802.3af/at PoE
- **Output:** 802.3af/at PoE and 12VDC
 - Combined Outputs up to 50W
- **Connections:**
 - **Input Power & Data:** RJ45
 - **Power Output:** Phoenix Connector/terminal block.
 - **Data & PoE Output:** RJ45
- **Data Rate:** Gigabit 1000Mbps



Passthrough PoE Splitter w/ 24VDC Output

Converts PoE Power to PoE & 24VDC Output

- **Dimensions:** 5.00" x 4.00" x 2.00" (12.7 x 10.16 x 5.08cm)
- **Input:** 48V 802.3af/at PoE
- **Output:** 802.3af/at PoE and 12VDC
 - Combined Outputs up to 50W
- **Connections:**
 - **Input Power & Data:** RJ45
 - **Power Output:** Phoenix Connector/terminal block.
 - **Data & PoE Output:** RJ45
- **Data Rate:** Gigabit 1000Mbps

For both PoE Passthrough models, inputs and outputs are isolated. They have various protections for short circuit, overload and over/under voltage. The splitters can be powered by an 802.3af PoE input if total output power is less than 15W. They can be powered by an 802.3at input if total output required is less than 30W. They can be powered by 48V Passive PoE if required output power is up to 50W. Input power should be 15% higher than required total output power

PoE Injectors



Indoor PoE Injector

Converts DC Power to PoE Output

- **Dimensions:** 4.90" x 2.30" x 1.40" (12.5 x 5.9 x 3.7cm)
- **Input:** 100-240V AC
- **Output:** 802.3af/at PoE up to 30W
- **Connections:**
 - **DC Power Input:** Included Power Cord
 - **Data Input:** RJ45
 - **PoE Output:** RJ45
- **Data Rate:** Gigabit 1000Mbps



Indoor PoE Injector

Converts DC Power to PoE Output

- **Dimensions:** 7.00" x 4.00" x 2.00" (17.78 x 10.16 x 5.08cm)
- **Input:** 12V DC (Range 10-15VDC)
- **Output:** 48V 802.3at PoE, 35W
- **Connections:**
 - **DC Power Input:** Phoenix Connector/terminal block.
 - **Data Input:** RJ45
 - **PoE Output:** RJ45
- **Data Rate:** Gigabit 1000Mbps



Outdoor PoE Injector

Converts DC Power to PoE Output

- **Dimensions:** 5.31" x 3.74" x 1.39" (13.49 x 9.50 x 3.53cm)
- **Input:** 12-48VDC, 4A
- **Output:** 55V 802.af/at PoE, 30W
- **Connections:**
 - **DC Power Input:** Phoenix Connector/terminal block.
 - **Data Input:** RJ45
 - **PoE Output:** RJ45
- **Data Rate:** 1G/2.5GbE/5GbE

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