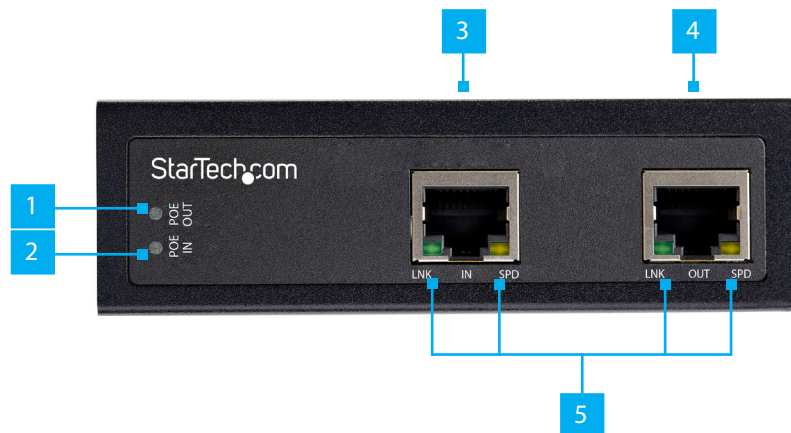


## 60W Industrial-Grade Hardened 802.3af/at PoE Extender 10/100/1000 Mbps

### Product Diagram (POEEXT1G60W)

Front View



Side View



4	PoE Output Port	• The power and data is forwarded to the <b>PD</b> through a <b>Network Cable</b>
5	PoE Input and Output LED Indicators	• Indicates the connection status and network speeds of the <b>PoE Input Port</b> and the <b>PoE Output Port</b>
6	Grounding Screw	• Attach a <b>Grounding Wire</b> to protect <b>Network Equipment</b>

### Requirements

For the latest requirements, please visit [www.startech.com/POEEXT1G60W](http://www.startech.com/POEEXT1G60W).

- Power Source Equipment x 1
- Powered Device x 1
- RJ45 Terminated UTP/STP Cat 5e (or better) Network Cable (sold separately) x 2
- Earth Ground Connection x 1
- Ground Wire x 1
- (Optional) #2 Phillips Head Screwdriver x 1
- (Optional) Screws for Wall Mounting x 2

### Installation

#### Grounding the PoE Extender

1. Using the **Phillips Head Screwdriver** loosen the **Grounding Screw** on the **PoE Extender**.
2. Attach the **Grounding Wire** to the **Grounding Screw**.
3. Tighten the **Grounding Screw**.
4. Connect the other end of the **Grounding Wire** to the **Earth Ground Connection**.

#### Connecting the PoE Extender to an Existing PoE Connection

1. Connect a **Network Cable** to the **Output Port** on a **PSE Device** and to the **PoE Input Port** on the **PoE Extender**.
2. Connect a **Network Cable** to the **PoE Output Port** on the **PoE Extender** and to the **Input Port** on the **PD**.

#### Cascade PoE Extenders

1. Connect a **Network Cable** to the **Output Port** on a **PSE Device** and to the **PoE Input Port** on the **PoE Extender**.
2. Connect a **Network Cable** to the **PoE Output Port** on the **PoE Extender** and to the **PoE Input Port** on the next **PoE Extender**.

Component	Function
1	<p>PoE Output LED Indicator</p> <ul style="list-style-type: none"> <li>• Indicates the current status of the <b>PoE Powered Device (PD)</b></li> <li>• <b>ON - Power Source Equipment (PSE)</b> is activated and <b>PD</b> is detected</li> <li>• <b>OFF - PSE</b> is not detecting <b>PD</b></li> </ul>
2	<p>PoE Input LED Indicator</p> <ul style="list-style-type: none"> <li>• Indicates the current status of the <b>PSE</b></li> <li>• <b>ON - Power</b> is detected</li> <li>• <b>Off - Power</b> is not detected</li> </ul>
3	<p>PoE Input Port</p> <ul style="list-style-type: none"> <li>• <b>PSE</b> provides power and data to the <b>PoE Extender</b> through a <b>Network Cable</b></li> </ul>

- Repeat step 3 until a total of 4 **PoE Extenders** are connected.
- Connect a **Network Cable** to the **PoE Output Port** on the last **PoE Extender** and to the **Input Port** on the **PD**.

## (Optional) Mounting the PoE Extender

### Wall Mounting

- Align the holes in the **Wall Mount Brackets** with the holes in the back of the **PoE Extender**.
- Insert two **Phillips Head Screws** through each **Wall Mount Bracket** and into the **PoE Extender**.
- Tighten the **Phillips Head Screws** using a **Phillips Head Screwdriver** (sold separately).

**Note:** Be careful not to over-tighten the **Screws**.

- Insert two **Screws** (sold separately) through the **Wall Mount Brackets** and into the **Mounting Surface**.
- Tighten the **Screws** using the appropriate **Screwdriver**.

### DIN Rail Mounting

- Align the holes in the **DIN Rail Bracket** with the holes in the back of the **PoE Extender**.
- Insert three **Phillips Head Screws** through the **DIN Rail Bracket** and into the **PoE Extender**.
- Tighten the **Phillips Head Screws** using a **Phillips Head Screwdriver**.

**Note:** Be careful not to over-tighten the **Screws**.

- Hang the top of the **DIN Rail Bracket** (the section with the two metal clips) onto a **Top Hat style DIN Rail**.
- Press the **DIN Rail Bracket** down and forward to lock the bottom section onto the **DIN Rail**.

### FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by StarTech.com could void the user's authority to operate the equipment.

#### Industry Canada Statement

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe [A] est conforme à la norme NMB-003 du Canada.

CAN ICES-3 (A)/NMB-3(A)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### Use of Trademarks, Registered Trademarks, and other Protected Names and Symbols

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PHILLIPS® is a registered trademark of Phillips Screw Company in the United States or other countries.

## Operation

### PoE Input and Output LED Indicators

LED Type/Color	Status	Indication
LNK/Green	On	• Connection established
	Off	• No connection established
	Flashing	• Data transmission detected
SPD/Amber	On	• 1000 Mbps link speed detected
	Off	• 100 Mbps link speed detected

### Warranty Information

This product is backed by a two-year warranty.

For further information on product warranty terms and conditions, please refer to [www.startech.com/warranty](http://www.startech.com/warranty).

### Limitation of Liability

In no event shall the liability of StarTech.com Ltd. and StarTech.com USA LLP (or their officers, directors, employees or agents) for any damages (whether direct or indirect, special, punitive, incidental, consequential, or otherwise), loss of profits, loss of business, or any pecuniary loss, arising out of or related to the use of the product exceed the actual price paid for the product. Some states do not allow the exclusion or limitation of incidental or consequential damages. If such laws apply, the limitations or exclusions contained in this statement may not apply to you.

### Safety Measures

- If product has an exposed circuit board, do not touch the product under power.

### Mesures de sécurité

- Si l'un des circuits imprimés du produit est visible, ne pas touchez le produit lorsqu'il est sous tension.

### 安全対策

- 製品に露出した状態の回路基盤が含まれる場合、電源が入っている状態で製品に触らないでください。

### Misure di sicurezza

- Se il prodotto ha un circuito stampato visibile, non toccare il prodotto quando è acceso.

### Säkerhetsåtgärder

- Rör aldrig vid enheter med oskyddade kretskort när strömmen är påslagen.

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