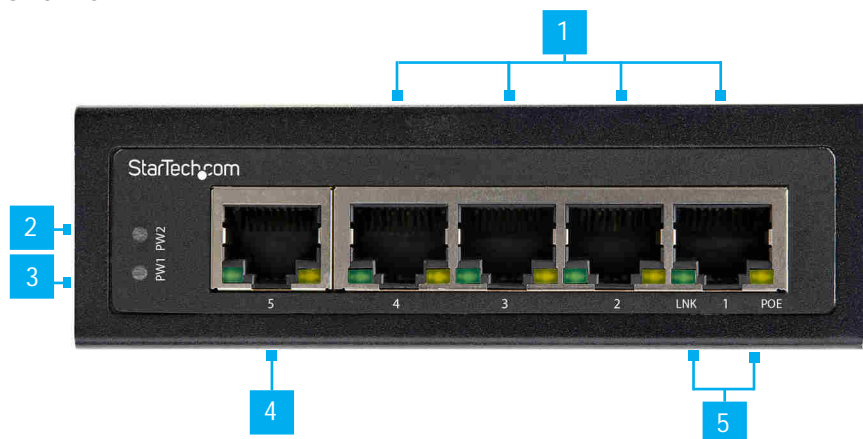


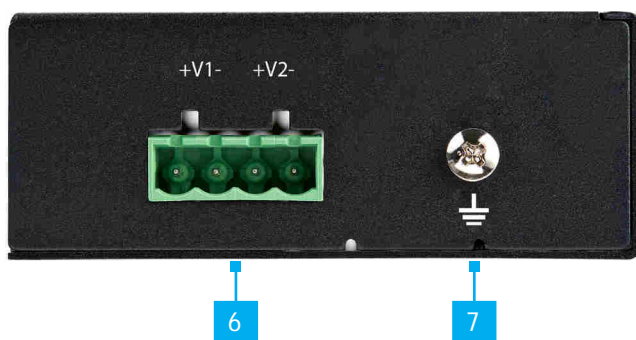
## 5 Port Unmanaged Industrial-Grade PoE Switch 10/100/1000 Mbps

### Product Diagram (IESC1G50UP)

Front View



Side View



Component	Function
1 PoE Ports	<ul style="list-style-type: none"> <li>Connect any <b>Network Device</b> to provide an <b>Ethernet Connection</b> to up to 4 <b>Network Devices</b></li> <li>Provide a <b>PoE Connection</b> to 4 <b>Devices</b></li> <li>Maximum PoE power budget is 30W per port up to a total overall power budget of 120W</li> </ul>

2	PW2 LED Indicator	<ul style="list-style-type: none"> <li>Color - Green</li> <li>On - when <b>V2+</b> and <b>V2-</b> are connected</li> <li>O - when <b>V2+</b> and <b>V2-</b> are not connected</li> </ul>
3	PW1 LED Indicator	<ul style="list-style-type: none"> <li>Color - Green</li> <li>On - when <b>V1+</b> and <b>V1-</b> are connected</li> <li>O - when <b>V1+</b> and <b>V1-</b> are not connected</li> </ul>
4	Non-PoE Port	<ul style="list-style-type: none"> <li>Connect any <b>Network Device</b> to provide an <b>Ethernet Connection</b> to one <b>Network Device</b></li> </ul>
5	PoE LED Indicators	<ul style="list-style-type: none"> <li>Indicates the link and <b>PoE Powered Device (PD)</b> status of each <b>PoE Port</b></li> <li><b>LNK(Green)</b> <ul style="list-style-type: none"> <li>On - Network connection detected</li> <li>O - Network connection not detected</li> <li>Flashing - Network is active</li> </ul> </li> <li><b>PoE (Amber)</b> <ul style="list-style-type: none"> <li>On - <b>PoE PD</b> is detected</li> <li>O - <b>PoE PD</b> is not detected</li> </ul> </li> </ul>
6	Terminal Block Power Input Port	<ul style="list-style-type: none"> <li>Provides power to the <b>PoE Ports</b></li> <li>Supported power input voltage range is 48-56V</li> </ul>
7	Grounding Point	<ul style="list-style-type: none"> <li>Attach a <b>Grounding Wire</b> to protect <b>Network Equipment</b></li> </ul>

### Requirements

For the latest requirements, please visit [www.startech.com/IESC1G50UP](http://www.startech.com/IESC1G50UP).

- DC Power Supply x 1 (maximum of 2)
- PoE Powered Device x (up to) 5
- RJ45 Terminated UTP/STP Cat 5e (or better) Network Cable (sold separately) x 5
- Earth Ground Connection x 1
- Grounding Wire x 1
- (Optional - for power) Flat Head Screwdriver x 1
- (Optional) #2 Phillips Head Screwdriver x 1
- (Optional) Screws for Wall Mounting x 2

# Installation

## Grounding the Switch

Connect a **Grounding Wire** to the **Grounding Point** on the **Switch** and to the **Earth Ground Connection**.

## Connect the Power Source

Connecting and installing the **Terminal Block** must be completed by a licensed Electrician.

**Notes:** Make sure that you turn off the power source before connecting the power wire to the **Terminal Block**.

Do not exceed the recommend voltage as it may result in personal or product damage.

Connect the **Power Wires** from a **DC Power Source (48 - 56V DC)** or the provided **Barrel Power Connector Adapter** to the **Terminal Block Connectors** on the **Switch**. The terminals are marked on the exterior of the **Switch** (connect the **Positive Wire** to **V+** and the **Negative Wire** to **V-**).

- Secure the **Wires** by tightening the **Screws** in the **Terminal Block** with a **Flat Head Screwdriver**

## Connecting the Switch

Connect a **Network Cable** to the **Network Device** and to any one of the **PoE Ports** on the **Switch**. Repeat up to four times.

## (Optional) Mounting the Switch

### Wall Mounting

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

### 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.

4. Insert two **Screws** (sold separately) through the **Wall Mount Brackets** and into the **Mounting Surface**.

5. Tighten the **Screws** using the appropriate **Screwdriver**.

### DIN Rail Mounting

1. Align the holes in the **DIN Rail Bracket** with the holes in the back of the **Switch**.
2. Insert three **Phillips Head Screws** through the **DIN Rail Bracket** and into the **Switch**.
3. Tighten the **Phillips Head Screws** using a **Phillips Head Screwdriver**.
4. Hang the top of the **DIN Rail Bracket** (the section with the two metal clips) onto a **Top Hat** style **DIN Rail**.
5. Press the **DIN Rail Bracket** down and forward to lock the bottom section onto the **DIN Rail**.

### 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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