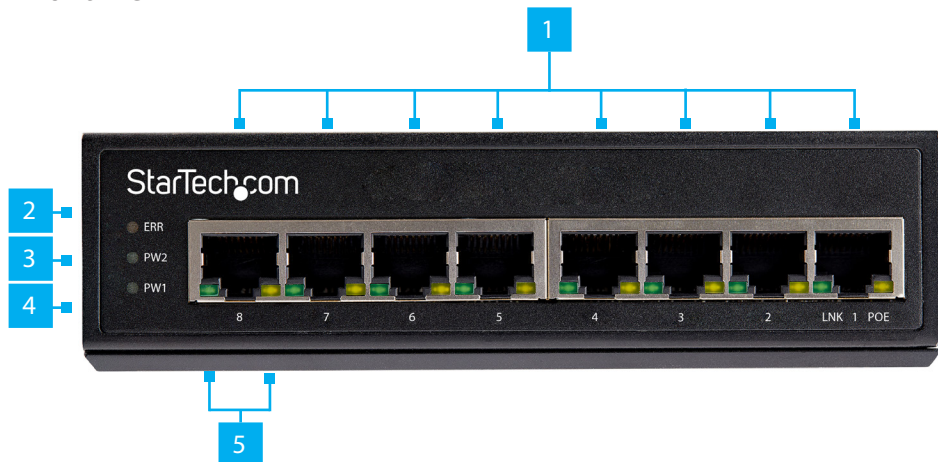


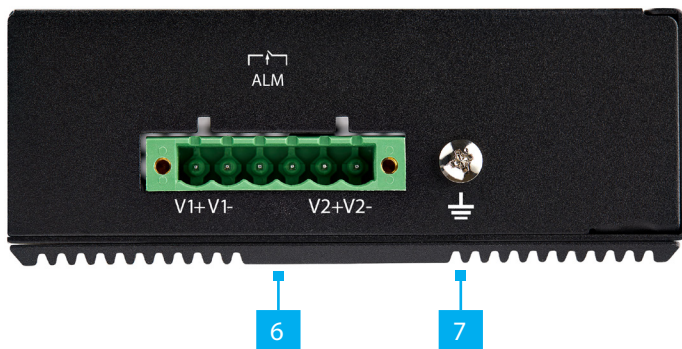
8 Port Unmanaged Industrial-Grade Switch 10/100/1000 Mbps

Product Diagram (IESC1G80UP)

Front View



Side View



Component	Function
1 PoE Ports	<ul style="list-style-type: none"> Connect any Network Device to provide an Ethernet Connection to up to 8 Network Devices Provide a PoE Connection to 8 Devices Maximum PoE power budget is 30W per port up to a total overall power budget of 200W
2 ERR LED Indicator	<ul style="list-style-type: none"> Color - Amber On - Either PW1 or PW2 is connected Off - Both PW1 and PW2 are connected

3 PW2 LED Indicator	<ul style="list-style-type: none"> Color - Green On - when PW2+ and PW2- are connected Off - when PW2+ and PW2- are not connected
4 PW1 LED Indicator	<ul style="list-style-type: none"> Color - Green On - when PW1+ and PW1- are connected Off - when PW1+ and PW1- are not connected
5 PoE LED Indicators	<ul style="list-style-type: none"> Indicates the link and PoE Powered Device (PD) status of each PoE Port LNK(Green) <ul style="list-style-type: none"> On - Network connection detected Off - Network connection not detected PoE (Amber) <ul style="list-style-type: none"> On - PoE is detected Off - PoE is not detected
6 Terminal Block Power Input Port	<ul style="list-style-type: none"> Provides power to the PoE Ports Supported power input voltage range is 48-56V
7 Grounding Screw	<ul style="list-style-type: none"> Attach a Grounding Wire to protect Network Equipment

Requirements

For the latest requirements, please visit www.startech.com/IESC1G80UP.

- DC Power Supply x 1 (maximum of two)
- PoE Powered Device x (up to) 8
- RJ45 Terminated UTP/STP Cat 5e (or better) Network Cable (sold separately) x 8
- 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

1. Using the **Phillips Head Screwdriver** loosen the **Grounding Screw** on the **Switch**.
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**.

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. This unit includes an additional 24V@1A relay circuit. When two **Power Sources** are connected the relay stays in **Open Mode**. If only one **Power Source** is connects the relay switches to **Short Mode**.

Connect the **Power Wires** from a **DC Power Source (48 - 56V DC)** 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

1. Connect a **Network Cable** to the **Network Device** and to any one of the **PoE Ports** on the **Switch**.
2. Connect a **Network Cable** to a **PoE PD** and to any one of the seven remaining **PoE Ports** on the **Switch**. Repeat this step up to six times.

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.

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

(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 Brackets** and into the **Switch**.
3. Tighten the **Phillips Head Screws** using a **Phillips Head Screwdriver** (sold separately).

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

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**.

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

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.

Limitation of Liability

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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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