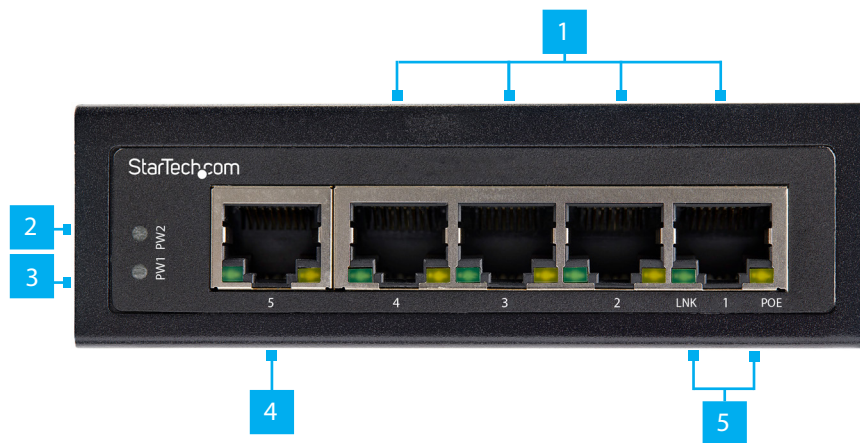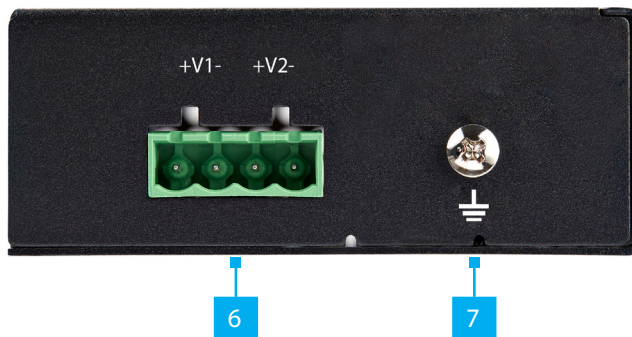StarTech.com
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5 Port Unmanaged Industrial-Grade PoE Switch 10/100/1000 Mbps

Product Diagram (IESC1G50UP)

Front View

Side View

	Component	Function
1	PoE Ports	• Connect any **Network Device** to provide an **Ethernet Connection** to up to 4 **Network Devices** • Provide a **PoE Connection** to 4 **Devices** • Maximum PoE power budget is 30W per port up to a total overall power budget of 120W

2	PW2 LED Indicator	• Color - Green • On - when **V2+** and **V2-** are connected • Off- when **V2+** and **V2-** are not connected
3	PW1 LED Indicator	• Color - Green • On - when **V1+** and **V1-** are connected • Off- when **V1+** and **V1-** are not connected
4	Non-PoE Port	• Connect any **Network Device** to provide an **Ethernet Connection** to one **Network Device**
5	PoE LED Indicators	• Indicates the link and **PoE Powered Device (PD)** status of each **PoE Port** **LNK(Green)** • On - Network connection detected • Off - Network connection not detected • Flashing - Network is active **PoE (Amber)** • On - **PoE PD** is detected • Off - **PoE PD** is not detected
6	Terminal Block Power Input Port	• Provides power to the **PoE Ports** • Supported power input voltage range is 48-56V
7	Grounding Point	• Attach a **Grounding Wire** to protect **Network Equipment**

Requirements

For the latest requirements, please visit 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).
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**.