

Industrial 5 Port Gigabit PoE Switch - 30W - Power Over Ethernet Switch - Hardened GbE PoE+ Unmanaged Switch - Rugged High Power Gigabit Network Switch IP-30/-40 C to 75 C

**Product ID:** IESC1G50UP



This industrial 5 port gigabit PoE switch ( 4-port PoE) features 30W of power and is designed to be installed in harsh environments and supports up to a total of 120W power outputs.

Using Cat 5e (or higher rated) Ethernet cabling, this Ethernet switch Provides up to 30W of PSE power per PoE port (PSE) to IEEE 802.3af (PoE / Type 1) and IEEE 802.3at (PoE+ / Type 2) PD devices like:

- Cameras
- Sensors
- Wi-Fi Access Points

High total power budget with high PoE port count at a maximum of 30 watts per port, up to 120 watts max. Power provided in order of device connection; max four 802.3at (30W) devices (120W total) at any time.

Industrial features include:

- Operating Temperature Range: -40 C to 75 C
- IP-30 rated housing
- Vibration, shock, and free-fall standard testing

This Ethernet switch supports additional features such as redundant power inputs, 2kV surge protection on RJ45 ports, and an MTBF of 600,000+ hrs (Telcordia/Bellcore ) at 50C, for long-term reliability.

Includes hardware for DIN rail or wall mounting, right out of the box. The unique barrel power adapter allows for standard wall adapters to be used instead of being hardwired and the alarm relay can be integrated into any solution.

## Certifications, Reports and Compatibility

## Applications

## Features

- **POWER OVER ETHERNET:** Gigabit PoE Switch provides up to 30W of PSE power per PoE port to IEEE 802.3af (PoE) & IEEE 802.3at (PoE+) Use with devices like cameras & access points using Cat 5e/6
- **FLEXIBLE POWER INPUT:** Power over Ethernet network switch can be hardwired using terminal block (48-56VDC) power or powered using a standard (48-56VDC) Type-N barrel wall adapter (not included)
- **ROBUST DESIGN:** Industrial Network Switch w/MTBF 500,000+hrs @ 50C Vibration, shock & free fall rated Rugged industrial IP-30 aluminum housing -40C to 75C hardened operating temp DIN/Wall Mount
- **TECH SPECS:** 5 Port GbE Switch 4 PoE ports IEEE 802.3af / IEEE 802.3at 10/100/1000 Mbps Unmanaged Redundant Power Input Terminal Block Power Total power budget: 120W
- **STARTECH.COM ADVANTAGE:** IT professionals' choice for over 30 years This Gigabit PoE switch is backed for 2-years by StarTech.com, including free 24/5 North America based multi-lingual tech support

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### Hardware

Warranty	2 Years
Ports	5
Industry Standards	IEEE 802.3 10/100/1000BASE-T, IEEE 802.3at PoE Plus, CSMA/CD, IEEE 802.3x Flow Control and Back Pressure
Chipset ID	Realtek RTL8367, Microsemi PD69104

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### Performance

Maximum Cable Length	328.0 ft [100 m]
Surge Protection	2kV
Auto MDIX	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
General Specifications	ESD Standard: IEC 61000-4-2: Contact: 6KV; Air: 8KV, EFT Standard: IEC 61000-4-4: Power: 2KV; Signal: 2KV, Surge Standard: IEC 61000-4-5: Power: 2KV; Signal: 2KV, Vibration Standard: EN 60068-2-6, Shock Standard: EN 60068-2-27, Free-Fall Standard: EN 60068-2-32, Housing Standard: IP-30, Safety Standard: EN60950-1

MTBF 538451 hours

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**Connector(s)**

Connector Type(s) Terminal Block (4 Wire)  
RJ-45 (PoE+)  
Ethernet Gigabit

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**Special Notes / Requirements**

Patents and Licenses United States Patent No. 5,406,260 (expired) , United States Patent No. 6,650,622, United States Patent No. 7,457,250, United States Patent No. 8,155,012, United States Patent No. 8,902,760, United States Patent No. 8,942,107, United States Patent No. 9,019,838, United States Patent No. 9,049,019, United States Patent Application No. 14/695,456, United States Patent Application No. 14/726,940,

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**Indicators**

LED Indicators PoE  
Link / Active  
V1, V2 Power

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**Power**

Power Consumption (In Watts) Max. 126W

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**Environmental**

Operating Temperature -40C to 75C  
Storage Temperature -40C to 85C  
Humidity 5 to 95% (non-condensing)

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**Physical Characteristics**

Color Black  
Form Factor Industrial  
Material Steel  
Product Length 4.1 in [10.4 cm]  
Product Width 3.2 in [81.5 mm]



Product Height	1.3 in [32.0 mm]
Weight of Product	5.3 oz [150.6 g]

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**Packaging Information**

Package Length	6.4 in [16.2 cm]
Package Width	8.3 in [21.1 cm]
Package Height	2.5 in [64.0 mm]
Shipping (Package) Weight	13.9 oz [392.6 g]

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**What's in the Box**

Included in Package	Industrial Grade Ethernet Switch
	Terminal Block
	Mounting Hardware Kit
	Quick-Start Guide

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***\*Product appearance and specifications are subject to change without notice.***

