

## 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: <ul><li>Cameras</li><li>Sensors</li><li>Wi-Fi Access Points</li></ul>

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.

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

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

- **HIGH POWER:** Gigabit PoE Switch provides up to 30W of PSE power per PoE port to IEEE 802.3af (PoE) & IEEE 802.3at (PoE+) devices like cameras & access points using Cat 5e/6 Total power budget: 120W
- **TECH SPECS:** 5 Port GbE Switch 4 PoE ports IEEE 802.3af / IEEE 802.3at 10/100/1000 Mbps Unmanaged DIN/Wall Mount Redundant Power Input Terminal Block Power
- **PERFORMANCE & RELIABILITY:** MTBF 500,000+hrs @ 50C Vibration, shock & free fall rated Industrial IP-30 aluminum housing -40C to 75C hardened operating temp 2kV surge protection on RJ45 ports
- **FLEXIBLE POWER:** 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)
- **STARTECH.COM ADVANTAGE:** Rugged Gigabit PoE switch includes mounting hardware for DIN/wall mounting and is backed by a 2-year warranty and lifetime 24/5 multilingual technical support

<b>Hardware</b>	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
<b>Performance</b>	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
<b>Connector(s)</b>	Connector Type(s)	Terminal Block (4 Wire)
	Connector Type(s)	RJ-45 (PoE+)
	Connector Type(s)	Ethernet Gigabit
<b>Special Notes / Requirements</b>	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 

<b>Indicators</b>	LED Indicators	PoE
	LED Indicators	Link / Active
	LED Indicators	V1, V2 Power
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<b>Power</b>	Power Consumption (In Watts)	Max. 126W
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<b>Environmental</b>	Operating Temperature	-40C to 75C
	Storage Temperature	-40C to 85C
	Humidity	5 to 95% (non-condensing)
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<b>Physical Characteristics</b>	Color	Black
	Form Factor	Industrial
	Material	Steel
	Product Length	4.1 in [1.0 cm]
	Product Width	3.2 in [81.5 mm]
	Product Height	1.3 in [32 mm]
	Weight of Product	5.3 oz [150.6 g]
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<b>Packaging Information</b>	Package Length	6.4 in [1.6 cm]
	Package Width	8.3 in [2.1 cm]
	Package Height	2.5 in [64 mm]
	Shipping (Package) Weight	13.9 oz [392.6 g]
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<b>What's in the Box</b>	Included in Package	Industrial Grade Ethernet Switch
	Included in Package	Mounting Hardware Kit
	Included in Package	Quick-Start Guide
	Included in Package	Terminal Block

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

