

Industrial 8 Port Gigabit PoE Switch - 30W - Power Over Ethernet Switch - GbE PoE+ Unmanaged Switch - Rugged High Power Gigabit Network Switch IP-30/-40 C to 75 C

Product ID: IESC1G80UP



This industrial 8 port gigabit PoE switch features 30W of power and is designed to be installed in harsh environments and supports up to a total of 200W power outputs. Includes hardware for DIN rail or wall mounting.

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 200 watts max. Power provided in order of device connection; max 6 802.3at (30W) devices (180W total) at any time.

- 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 500,000+ hrs (Telcordia/Bellcore) at 50C, for long-term reliability.

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: 200W

- **TECH SPECS:** 8 port GbE PoE switch 8 PoE ports IEEE 802.3af / IEEE 802.3at 10/100/1000 Mbps Unmanaged Error Alarm Relay 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
- **REDUNDANT POWER:** Dual terminal block power inputs (48-566VDC) provide redundancy for high-availability applications.
- **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

Hardware	Warranty	2 Years
	Ports	8
	Chipset ID	Realtek RTL8370</br>Microsemi PD69104
Performance	Bandwidth	2G
	Buffer Size	128 KB
	Flow Control	IEEE 802.3x Flow Control and Back Pressure
	Compatible Networks	10/100/1000 Mbps
	Auto MDIX	Yes
	Full Duplex Support	Yes
	Jumbo Frame Support	9K max.
	Switching Architecture	Back-plane (Switching Fabric): 16Gbps
	General Specifications	ESD Standard: IEC 61000-4-2: Contact: 6KV; Air: 8KV</br>EFT Standard: IEC 61000-4-4: Power: 2KV; Signal: 2KV</br>Surge Standard: IEC 61000-4-5: Power: 2KV; Signal: 2KV</br>Vibration Standard: EN 60068-2-6</br>Shock Standard: EN 60068-2-27</br>Free-Fall Standard: EN 60068-2-32</br>Housing Standard: IP-30</br>
	MTBF	693,764 hours
Connector(s)	Connector Type(s)	RJ-45 (PoE+)
	Connector Type(s)	Terminal Block (6 Wire)
Special Notes / Requirements	Patents and Licenses	United States Patent No. 5,406,260 (expired) </br>United States Patent No. 6,650,622</br>United States Patent No. 7,457,250</br>United States Patent No. 8,155,012</br>United States Patent No. 8,902,760</br>United States Patent No. 8,942,107</br>United States Patent No. 9,019,838</br>United States Patent No. 9,049,019</br>United States Patent Application No. 14/695,456</br>United States Patent Application No. 14/726,940</br>
Indicators	LED Indicators	PW1, PW2
	LED Indicators	RLY

	LED Indicators	Link / Active
	LED Indicators	PoE
Power	Power Consumption (In Watts)	Max. 206W
Physical Characteristics	Color	Black
	Material	Steel
	Cable Length	328.0 ft [100 m]
	Product Length	5.6 in [1.4 cm]
	Product Width	4.1 in [1.0 cm]
	Product Height	1.6 in [39.6 mm]
	Weight of Product	18.9 oz [536 g]
Packaging Information	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	27.6 oz [781 g]
What's in the Box	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.*

