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 - 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.

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

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

• TECH SPECS: 8 port GbE PoE switch 8 PoE ports IEEE 802.3af / IEEE 802.3at 10/100/1000 Mbps Unmanaged Error Alarm Relay Redundant Power Input Terminal Block Power 200W power budget

• 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

• REDUNDANT POWER: Dual terminal block power inputs (48-56VDC) provide redundancy for high-availability applications

• 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

Hardware

	Warranty	2 Years
	Ports	8
	Chipset ID	Realtek RTL8370, 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, 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,

	MTBF	693,764 hours

Connector(s)

	Connector Type(s)	RJ-45 (PoE+)
		Terminal Block (6 Wire)

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,

Indicators

	LED Indicators	PW1, PW2
		RLY
		Link / Active
		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 [14.2 cm]
	Product Width	4.1 in [10.5 cm]
	Product Height	1.6 in [39.6 mm]
	Weight of Product	18.9 oz [536.0 g]

Packaging Information

	Package Length	6.4 in [16.2 cm]
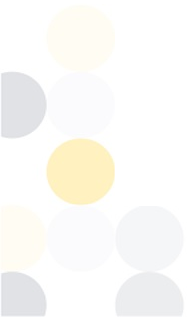
Package Width	8.3 in [21.1 cm]
Package Height	2.5 in [64.0 mm]
Shipping (Package) Weight	27.6 oz [781.0 g]

What's in the Box

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

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