

Industrial 5 Port Gigabit Ethernet Switch 5 PoE RJ45 +2 SFP Slots 30W PoE+ 48VDC 10/100/1000 Power Over Ethernet LAN Switch -40C to 75C with DIN Connector/Mountable

Product ID: IES1G52UPDIN



Easily deploy or scale your network with this Gigabit Ethernet switch, features four dedicated PoE+ enabled ports, and one dedicated open SFP slot plus the flexibility of a switchable RJ-45/Open SFP port for use as an uplink or for non-PoE devices. It features an IP-30 housing, compact design, and is wall and DIN rail mountable.

With a total power budget of 120W, this PSE Ethernet switch provides up to 30W of power per PoE port to IEEE 802.3af (PoE / Type 1) and IEEE 802.3at (PoE+ / Type 2) powered devices (PD) like:

- Cameras
- Sensors
- Wi-Fi access points

Uses Cat 5e (or higher rated) Ethernet cabling.

Industrial features include -40 C to 75 C operating temperature, IP-30 rated housing, vibration, shock, and free-fall standard testing.

- Vibration: EN 60068-2-6
- Shock: EN 60068-2-27
- Free-Fall: EN 60068-2-32

500,000+ hours MTBF rating using Telcordia/Bellcore at 50 C for long-term reliability.

Dual power inputs provide redundancy. Accepts terminal block power or DIN power connectors for additional power supply flexibility, allowing the product to be hardwired or powered using an external power supply (not included), which does not require professional installation.

The IES1G52UPDIN is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

Features

- **POWER OVER ETHERNET:** Industrial 6 Port Gigabit Ethernet Switch w/ 120W power budget (30W per 4 PoE ports PSE) to 802.3af/PoE or 802.3at/PoE+ for cameras, sensors, wi-fi APs over Cat5e or higher cable
- **ROBUST DESIGN:** Rugged IP-30/vibration/shock/free fall ratings; hardened operating temperature range of -40C to 75C w/ MTBF of 500,000+ hrs using Telcordia/Bellcore @ 50C; DIN/wall mountable w/hardware incl
- **TECH SPECS:** 10/100/1000 Mbps network auto negotiation Unmanaged 6 total mixed fiber/copper connections: 4 PoE RJ-45 + 1 SFP (MSA) + 1 SFP/RJ-45 selectable flex port
- **FLEXIBLE POWER:** Can be hardwired using terminal block power or by DIN power connector to offer redundant power input w/total input flexibility between 48-56V; Terminal block kit incl
- **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	6
	Industry Standards	IEEE 802.3 10BASE-T</br>IEEE 802.3u 100BASE-TX</br>IEEE 802.3ab 1000BASE-T</br>IEEE 802.3z 1000BASE-TX</br>IEEE 802.3x</br>IEEE 802.3af Power over Ethernet</br>IEEE 802.3at PoE Plus
	Chipset ID	Marvell 88E6161</br>Microsemi PD69104
Performance	Maximum Cable Length	328.0 ft [100 m]
	Buffer Size	1 MB
	Flow Control	IEEE 802.3x Flow Control and Back Pressure
	Surge Protection	2kV
	Compatible Networks	10/100/1000 Mbps
	Auto MDIX	Yes
	Full Duplex Support	Yes
	Jumbo Frame Support	9K max.
	Switching Architecture	Back-plane (Switching Fabric): 12Gbps
	General Specifications	ESD: IEC 61000-4-2: Contact: 6KV; Air: 8KV</br>EFT: IEC 61000-4-4: Power: 2KV; Signal: 2KV</br>Surge: IEC 61000-4-5: Power: 2KV; Signal: 2KV</br>Vibration: EN 60068-2-6</br>Shock: EN 60068-2-27</br>Free-fall: EN 60068-2-32</br>Housing: IP-30</br>Safety: EN60950-1</br>Safety: MET (UL) 60950-1</br>
	MTBF	525,058 hours
	Supported Protocols	CSMA/CD</br>IEEE 802.3af</br>IEEE 802.3at
Connector(s)	Connector Type(s)	Terminal Block (6 Wire)

Connector Type(s)	RJ-45 (PoE+)
Connector Type(s)	Ethernet Gigabit
Connector Type(s)	SFP Slot
Connector Type(s)	4 pin Power DIN Connector Female

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>
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Indicators	LED Indicators	Power
	LED Indicators	RLY
	LED Indicators	SFP
	LED Indicators	LNK
	LED Indicators	PoE

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)

Physical Characteristics	Color	Black
	Material	Steel
	Product Length	5.6 in [1.4 cm]
	Product Width	4.1 in [1.0 cm]
	Product Height	1.4 in [36.2 mm]
	Weight of Product	17.4 oz [492 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	26.0 oz [737 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.***

