

## Industrial 8 Port Gigabit Ethernet Switch w/2 MSA SFP Slots - Hardened GbE L2 Managed Network Switch - Rugged RJ45 LAN Layer 2 Switch Din Rail Wall Mount IP-30/-40C to 75C

**Product ID:** IES101G2SFPW



Add eight copper Gigabit Ethernet (GbE) connections and two open SFP slots to your network with this 8-Port Gigabit Ethernet Switch. The rugged switch makes it easy to deploy or scale your network.

This versatile GbE switch adapts to your network needs by adding two open SFP slots and eight RJ45 Ethernet ports, providing both fiber and copper connections in a single network switch. The MSA compliant SFP ports are compatible with 100/1000Mbps networks. The network switch allows you to connect up to eight RJ45 devices, so different users can share files and devices, such as printers and scanners, over a LAN connection, and share two devices in the open SFP slots.

This Layer 2 switch delivers efficient and stable performance, with Layer 2 management capabilities. It controls packet traffic on a busy network, and customizes settings to achieve optimal network performance.

At only 5.5 x 7 in. and 1.375 lb., the industrial managed Ethernet switch is designed to be wall or DIN-rail mounted in tight spaces that are exposed to significant electromagnetic interference, while providing easy port access. The IP30-rated metal housing and extended operating temperature range of -40C to 75C makes it ideal for harsh environments.

StarTech.com offers a wide variety of network switches, making it easy to expand your network connections and provide power to devices in hard-to-power locations. This wall-mount Ethernet switch is backed by a 2-year warranty and free lifetime North American based Technical Support.

### Certifications, Reports and Compatibility



## Applications

- Install in a server rack or cabinet, or wall mount in a convenient location
- An ideal solution for many network applications including IP surveillance, wireless LAN, building/home automation network and Internet of things (IoT)
- Add small workgroups to expand your existing network in a business or home office
- Works well in industrial, non-climate controlled environments, such as warehouses

## Features

- **FLAT DESIGN:** Industrial 8 Port Gigabit Ethernet Switch with 2 MSA Open SFP Slots .Compact housing allows for front access, easy installation & troubleshooting; DIN rail or wall mountable
- **FULL LAYER 2 MANAGEMENT CAPABILITIES:** Through built in web-based GUI/Telnet/SSH; Switch can be managed to configure features like Ports/VLAN/Link Aggregation/SNMP/QoS/Spanning Tree among others
- **TECH SPECS:** 8 + 2 port Gigabit switch 8 x RJ45 2 x Open SFP slot (MSA Compliant) 12-48VDC power input 10/100/1000 Mbps auto Redundant power inputs w/terminal block kit or using incl AC adapter
- **ROBUST DESIGN:** Steel housing with IP-30/vibration/shock/free fall ratings and 6kV ESD; Operating temperature range of -40C to 75C w/ MTBF of 500,000+ hrs using MIL-HDBK-217F @ 25C; RJ45 dust caps incl
- **STARTECH.COM ADVANTAGE:** IT professionals choice for over 30 years; This L2 Gigabit network switch is backed for 2-years by StarTech.com, including 24/5 North America based multi-lingual tech support

---

### Hardware

Warranty	2 Years
Ports	10
Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, , IEEE 802.3u 100BASE-FX, IEEE 802.3u 100BASE-LX, IEEE 802.3ab 1000BASE-T, IEEE 802.3z 1000BASE-SX, IEEE 802.3x Flow Control

---

### Performance

Maximum Data Transfer Rate	2 Gbps (Full-Duplex)
Maximum Cable Length	328.0 ft [100 m]
Buffer Size	512 KB
Flow Control	IEEE 802.3x pause frame for full-duplex, back pressure for half-duplex

Surge Protection	6kV ESD, 6kV EFT
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
Switching Architecture	Store-and-Forward
MTBF	> 100,000 hrs @ 25 degrees C
Supported Protocols	IEEE 802.3ad Port Trunk with LACP, IEEE 802.1D Spanning Tree Protocol, IEEE 802.1w Rapid Spanning Tree Protocol, IEEE 802.1s Multiple Spanning Tree Protocol, IEEE 802.1p Class of Service, RFC 3810 MLD version 2, RFC 792 ICMP, RFC 2068 HTTP, RFC 1112 IGMP version 1, RFC 2236 IGMP version 2, RFC 3376 IGMP version 3, RFC 2710 MLD version 1, IEEE 802.1Q VLAN Tagging, IEEE 802.1x Port Authentication Network Control, IEEE 802.1ab LLDP, RFC 768 UDP, RFC 793 TFTP, RFC 791 IP

#### Connector(s)

Connector Type(s)	8 - RJ-45
	2 - SFP Slot
	1 - Terminal Block (3 Wire)

#### Indicators

LED Indicators	1 - Power
	8 - 10/100 Mbps and Link/Activity (yellow)
	1000 Mbps and Link/Activity (green)
	2 - 100Mbps Link/Activity (yellow)
	1000Mbps Link/Activity (green)

#### Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.5 A
Output Voltage	12V DC

Output Current	1.5A
Center Tip Polarity	Positive
Plug Type	M

---

#### Environmental

Operating Temperature	-40C to 75C (-40F to 167F)
Storage Temperature	-40C to 90C (-40F to 194F)
Humidity	5~95% RH (Non-Condensing)

---

#### Physical Characteristics

Color	Black
Material	Steel
Product Length	7.0 in [17.8 cm]
Product Width	5.5 in [13.9 cm]
Product Height	1.2 in [3.0 cm]
Weight of Product	22.1 oz [626.0 g]

---

#### Packaging Information

Package Length	11.9 in [30.3 cm]
Package Width	6.8 in [17.3 cm]
Package Height	3.6 in [91.0 mm]
Shipping (Package) Weight	2.5 lb [1.1 kg]

---

#### What's in the Box

Included in Package	1 - network switch
	1 - universal power adapter (NA/JP, UK, EU, ANZ)
	1 - terminal block connector
	4 - screw anchors
	4 - screws



- 4 - attaching pins
- 4 - locking pins
- 4 - washers
- 4 - magnets
- 1 - DIN rail
- 3 - DIN-rail screws
- 8 - RJ45 dust caps
- 2 - SFP dust caps
- 1 - quick-start guide

---

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

