

# 8-Port Gigabit Ethernet Switch with 2 Open SFP Slots

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.

## Expand 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.

## Intelligent Layer 2 Management

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.

## Reliable Network Performance

- |                                     |                           |                                       |
|-------------------------------------|---------------------------|---------------------------------------|
| ✓ 10/100/1000 Mbps transfer speeds  | ✓ Jumbo frames            | ✓ Redundant 12-58V DC terminal block  |
| ✓ Full/half-duplex auto-negotiation | ✓ Auto MDI/MDIX operation | ✓ IPv4 and IPv6 dual stack management |
| ✓ Link aggregation                  | ✓ VLAN tagging            | ✓ Spanning tree protocol              |

## Compact, Mountable and Rugged Design

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 -40°C to 75°C 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

- IP surveillance and building/home networks
- Expand existing networks with small groups
- Industrial, non-climate controlled areas

<b>Hardware</b>	Warranty	2 Years
	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
	Ports	10
<b>Performance</b>	Auto MDIX	Yes
	Buffer Size	512 KB
	Compatible Networks	10/100/1000 Mbps
	Flow Control	IEEE 802.3x pause frame for full-duplex, back pressure for half-duplex
	Full Duplex Support	Yes
	Jumbo Frame Support	9K max.
	Maximum Cable Length	328 ft [100 m]
	Maximum Data Transfer Rate	2 Gbps (Full-Duplex)
	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, bIEEE 802.1ab LLDP, RFC 768 UDP, RFC 793 TFTP, RFC 791 IP
Surge Protection	6kV ESD, 6kV EFT	
Switching Architecture	Store-and-Forward	
<b>Connector(s)</b>	Connector Type(s)	8 - RJ-45 Female 2 - SFP Slot Female 1 - Terminal Block (3 Wire) Male
	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)
	Center Tip Polarity	Positive
<b>Power</b>	Input Current	0.5 A

	Input Voltage	12 ~ 48 DC
	Output Current	1.5A
	Output Voltage	12 DC
	Plug Type	M
	Power Source	AC Adapter Included
<b>Environmental</b>	Humidity	5~95% RH (Non-Condensing)
	Operating Temperature	-40°C to 75°C (-40°F to 167°F)
	Storage Temperature	-40°C to 90°C (-40°F to 194°F)
<b>Physical Characteristics</b>	Color	Black
	Enclosure Type	Steel
	Product Height	1.2 in [30 mm]
	Product Length	7 in [178 mm]
	Product Weight	22.1 oz [626 g]
	Product Width	5.5 in [139 mm]
<b>Packaging Information</b>	Shipping (Package) Weight	2.5 lb [1.1 kg]
<b>What's in the Box</b>	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.