

# 8-Port Gigabit Ethernet Switch with Layer 2 Management

Product ID: IES81GW



Add eight copper Gigabit Ethernet (GbE) connections with this 8-port Gigabit Ethernet switch, making it easy to deploy or scale your existing network.

## Expand Your Network

This versatile GbE switch adapts to your network needs by adding eight RJ45 Ethernet ports. 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.

## 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 5.3 x 5.8 inches and 1.08 lb., it is designed to be wall or DIN-rail mounted in tight spaces that are exposed to significant electromagnetic interference while still 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 industrial 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

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

### Features

- Expands your network with 8 RJ45 ports in one Gigabit network switch
- Designed for harsh industrial environments with IP30 rugged metal housing and extended temperature range
- Easy access to ports and indicators with front-facing port configuration
- Install discreetly with the compact wall-mount or DIN-rail mount design
- Achieve optimal network performance with L2 management

<b>Hardware</b>	Warranty	2 Years
	Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-TX, IEEE 802.3x Flow Control
	Ports	8
<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
<b>Connector(s)</b>	Surge Protection	6kV ESD, 6kV EFT
	Switching Architecture	Store-and-Forward
	Connector Type(s)	8 - RJ-45 Female 1 - Terminal Block (3 Wire) Male
<b>Software</b>	OS Compatibility	OS Independent; No additional drivers or software required
<b>Indicators</b>	LED Indicators	1 - Power 8 - 10/100 Mbps and Link/Activity (yellow) 1000 Mbps and Link/Activity (green)
<b>Power</b>	Center Tip Polarity	Positive
	Input Voltage	100 - 240 AC
	Output Current	1.5A
	Output Voltage	12V 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
	Material	Steel
	Product Height	1 in [2.5 cm]
	Product Length	5.3 in [13.4 cm]
	Product Width	5.8 in [14.8 cm]
	Weight of Product	17.3 oz [490 g]
<b>Packaging Information</b>	Package Height	3.5 in [90 mm]
	Package Length	11.8 in [30 cm]
	Package Width	6.7 in [17 cm]
	Shipping (Package) Weight	2.1 lb [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 clips
		4 - washers
		4 - magnets
		1 - DIN rail
		3 - DIN-rail screws
		8 - dust caps
		1 - quick-start guide

Product appearance and specifications are subject to change without notice.