

Industrial 8 Port Gigabit Ethernet Switch - Hardened Compact GbE Layer/L2 Managed Switch - Rugged Network Switch Din Rail/Wall Mountable RJ45/LAN Switch IP-30/-40C to +75C Temp

**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.

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.

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 5.3 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 -40C to 75C 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

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### Hardware

Warranty	2 Years
Ports	8
Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-TX, IEEE 802.3x Flow Control

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### 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, bIEEE 802.1ab LLDP, RFC 768 UDP, RFC 793 TFTP, RFC 791 IP

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**Connector(s)**

Connector Type(s)	RJ-45
	Terminal Block (3 Wire)

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**Software**

OS Compatibility	OS Independent; No additional drivers or software required
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**Indicators**

LED Indicators	Power 10/100 Mbps and Link/Activity (yellow) 1000 Mbps and Link/Activity (green)
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**Power**

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Output Voltage	12V DC
Output Current	1.5A
Center Tip Polarity	Positive
Plug Type	M

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**Environmental**

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

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**Physical Characteristics**

Color	Black
Material	Steel
Product Length	5.3 in [13.4 cm]

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Product Width	5.8 in [14.8 cm]
Product Height	1.0 in [25.0 mm]
Weight of Product	17.3 oz [490.0 g]

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**Packaging Information**

Package Length	11.8 in [30.0 cm]
Package Width	6.7 in [17.0 cm]
Package Height	3.5 in [90.0 mm]
Shipping (Package) Weight	34.0 oz [964.0 g]

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**What's in the Box**

Included in Package	network switch
	universal power adapter (NA/JP, UK, EU, ANZ)
	terminal block connector
	screw anchors
	screws
	attaching pins
	locking clips
	washers
	magnets
	DIN rail
	DIN-rail screws
	dust caps
	quick-start guide

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