

8-Port Gigabit Ethernet Switch - Managed - Wall Mount with Front Access

Product ID: IES81GW



Easily deploy or scale your network with this Gigabit Ethernet switch, adding eight copper Gigabit Ethernet (GbE) connections. This IP30 industrial network switch provides intelligent Layer 2 management. Its rugged, compact design and wall-mount option with front access make it ideal for demanding applications, even where space is limited.

Expand your network

This GbE switch lets you expand your network by connecting up to eight RJ45 devices. The 8-Port switch enables up to eight users to share files and devices, such as printers and scanners, over a LAN connection, by enhancing your existing network capacity with additional ports.

Wall-mountable with front access

With its compact design, you can wall-mount the Gigabit switch to provide convenient front access to ports and indicators. It's ideal for a wide range of applications, including tight installation areas with significant electromagnetic interference, such as control cabinets and panels. The network switch is also DIN-rail mountable.

Efficient Layer 2 management

The scalable switch delivers efficient and stable performance, with Layer 2 management capabilities. This lets you control packet traffic on a busy network, and customize your settings to achieve optimal network performance, offering improved efficiency and reliability.

Rugged industrial design

This rugged network switch features an IP30-rated metal housing and extended operating temperature range of -40°C to 75°C, which makes it ideal for a wide range of conditions. The sturdy metal enclosure offers durability, even in harsh industrial environments.

Reliable connection for seamless network performance

With support for 10/100/1000Mbps transfer speeds, this managed switch supports full/half-duplex auto-negotiation, jumbo frames, and auto MDI/MDIX operation. This lets you connect your network devices quickly and easily, with little to no configuration required.

To help prevent any unnecessary downtime, the switch features redundant 12-58V DC terminal block power inputs, which ensures seamless operation in the event of power dips or failures.

The IES81GW is backed by a StarTech.com 2-year warranty and free lifetime 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

- Expand your network with 8x RJ45 ports in one convenient Gigabit network switch
- Rugged IP30 industrial design with metal housing and extended temperature range (-40° to +75° C)
- Wall mountable with front access, or DIN-rail mountable (magnetic mounts)
- Layer 2 management capabilities, for improved network control, efficiency, and stability
- Compatible with 10/100/1000Mbps networks
- Redundant power design (terminal block/DC plug)
- IPv4 and IPv6 dual stack management
- IGMP and MLD support
- Supports link aggregation, VLAN tagging, spanning tree protocol, port-based network access control

Hardware	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
Performance	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	
Connector(s)	Connector Type(s)	8 - RJ-45 Female 1 - Terminal Block (3 Wire) Male
	OS Compatibility	OS Independent; No additional drivers or software required
Indicators	LED Indicators	1 - Power 8 - 10/100 Mbps and Link/Activity (yellow) 1000 Mbps and Link/Activity (green)
	Power	Center Tip Polarity
Input Voltage		100 ~ 240 AC
Output Current		1.5A
Output Voltage		12 DC
Plug Type		M

	Power Source	AC Adapter Included
Environmental	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)
Physical Characteristics	Color	Black
	Enclosure Type	Steel
	Product Height	1 in [25 mm]
	Product Length	5.3 in [134 mm]
	Product Weight	17.5 oz [496 g]
	Product Width	5.8 in [148 mm]
Packaging Information	Shipping (Package) Weight	1.7 lb [0.8 kg]
What's in the Box	Included in Package	<ul style="list-style-type: none"> 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.