

## 5 Port Unmanaged Industrial Gigabit Ethernet Switch - DIN Rail / Wall-Mountable

Product ID: IES51000



The IES51000 5-Port Industrial Ethernet Switch offers 5 Gigabit Ethernet ports in a compact, IP30-rated metal enclosure, making it the ideal network solution for harsh industrial environments such as factory floors, warehouses or large junction boxes.

Quickly connect your network devices with little to no configuration. This unmanaged industrial network switch supports 10/100/1000 Mbps transfer speeds, full/half-duplex auto-negotiation, jumbo frames and auto MDI/MDIX, which helps to eliminate the hassle of troubleshooting mis-matched speed and duplex settings.

Providing seamless operation in the event of power dips or failures, the switch features redundant 12-58V DC terminal block power inputs to help prevent unnecessary downtime. When used with two power sources, the switch also supports alarm relay contacts that you can wire to your existing alarm circuit to notify you instantly when a power disruption occurs.

For easy installation and dependable performance in harsh environments, the switch can be DIN Rail or wall mounted and features a compact, IP30-rated enclosure with an extended operating temperature range (-40°C to 75°C).

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Ideal for industrial applications such as warehouses and junction boxes without temperature control
- Suitable for adding Gigabit Ethernet on factory / manufacturing floors
- Great for adding small workgroups to an existing network

### Features

- 5 10/100/1000 Mbps unmanaged RJ45 Ethernet ports
- IP30-rated DIN rail and wall-mountable metal enclosure
- Wide-range redundant power via two 12-58V DC terminal block inputs, with alarm relay
- Overcurrent and reverse polarity protection
- Extended operating temperature range (-40°C to 75°C)
- Speed / duplex auto-negotiation and auto-MDIX detection on each port
- Up to 9K jumbo frame support
- IEEE 802.3az Energy-Efficient Ethernet
- Supports IEEE 802.3x flow control and back-pressure

<b>Hardware</b>	Warranty	2 Years
	Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-TX  IEEE 802.1p QoS, IEEE 802.3az Energy-Efficient Ethernet, IEEE 802.3ad Link Aggregation  IP30 (Enclosure)
	Interface	RJ45 (Gigabit Ethernet)
	Ports	5
<b>Performance</b>	Auto MDIX	Yes
	Buffer Size	128 KB
	Compatible Networks	10/100/1000 Mbps
	Flow Control	Half-duplex back-pressure and IEEE802.3x full-duplex
	Full Duplex Support	Yes
	Jumbo Frame Support	9K max.
	Maximum Cable Length	100 m [328 ft]
	Maximum Data Transfer Rate	2 Gbps (Full-Duplex)
	Switching Architecture	Store-and-Forward
<b>Connector(s)</b>	Connector Type(s)	5 - RJ-45 Female  1 - Terminal Block (6 Wire) Female
<b>Software</b>	OS Compatibility	OS Independent; No additional drivers or software required
<b>Indicators</b>	LED Indicators	1 - P1 (Power) indicator  1 - P2 (Power) indicator  1 - ALM (Alarm) indicator  5 - Link / Act  5 - Speed indicator
<b>Power</b>	Input Voltage	12 ~ 58 DC
	Power Consumption (In Watts)	3.63W Max.
	Power Source	Terminal Block
<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 85°C (-40°F to 185°F)
<b>Physical Characteristics</b>	Color	Black

	Enclosure Type	Steel
	Product Height	28 mm [1.1 in]
	Product Length	111 mm [4.4 in]
	Product Weight	328 g [11.6 oz]
	Product Width	89 mm [3.5 in]
<b>Packaging Information</b>	Shipping (Package) Weight	523 g [18.5 oz]
<b>What's in the Box</b>	Included in Package	1 - Industrial Ethernet Switch 2 - Wall-Mount Brackets 1 - DIN-Rail Clip 4 - Screws 1 - Terminal Block 1 - Instruction Manual

Product appearance and specifications are subject to change without notice.