

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

*StarTech 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&deg;C to 75&deg;C).

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

### **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

**Technical Specifications**

Warranty	2 Years
Ports	5
Interface	RJ45 (Gigabit Ethernet)
Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-TX
Industry Standards	IEEE 802.1p QoS, IEEE 802.3az Energy-Efficient Ethernet, IEEE 802.3ad Link Aggregation
Industry Standards	IP30 (Enclosure)
Connector Type(s)	5 - RJ-45 Female
Connector Type(s)	1 - Terminal Block (6 Wire) Female
Maximum Data Transfer Rate	2 Gbps (Full-Duplex)
Maximum Cable Length	100 m [328 ft]
Buffer Size	128 KB
Flow Control	Half-duplex back-pressure and IEEE802.3x full-duplex
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9K max.
Switching Architecture	Store-and-Forward
Color	Black
Enclosure Type	Steel
Product Length	112.2 mm [4.4 in]
Product Width	89.4 mm [3.5 in]
Product Height	29.1 mm [1.1 in]
Product Weight	329 g [11.6 oz]
LED Indicators	1 - P1 (Power) indicator
LED Indicators	1 - P2 (Power) indicator
LED Indicators	1 - ALM (Alarm) indicator
LED Indicators	5 - Link / Act
LED Indicators	5 - Speed indicator
Power Source	Terminal Block
Input Voltage	12 ~ 58 DC
Power Consumption	3.63W Max.
Operating Temperature	-40°C to 75°C (-40°F to 167°F)

Included in Package	1 - Industrial Ethernet Switch
Included in Package	2 - Wall-Mount Brackets
Included in Package	1 - DIN-Rail Clip
Included in Package	4 - Screws
Included in Package	1 - Terminal Block
Included in Package	1 - Instruction Manual

**Certifications, Reports and Compatibility**

