

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°C to 75°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
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)
Interface	RJ45 (Gigabit Ethernet)
Ports	5
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	328 ft [100 m]
Maximum Data Transfer Rate	2 Gbps (Full-Duplex)
Switching Architecture	Store-and-Forward
Connector Type(s)	5 - RJ-45 Female
Connector Type(s)	1 - Terminal Block (6 Wire) Female
OS Compatibility	OS Independent; No additional drivers or software required
Color	Black
Enclosure Type	Steel
Product Height	1.1 in [28 mm]
Product Length	4.4 in [111 mm]
Product Weight	11.6 oz [328 g]
Product Width	3.5 in [89 mm]
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
Input Voltage	12 ~ 58 DC
Power Consumption	3.63W Max.
Power Source	Terminal Block

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)
Shipping (Package) Weight	18.5 oz [523 g]
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

