10 Port L2 Managed Gigabit Ethernet Switch with 2 Open SFP Slots - Rack Mountable

Product ID: IES101002SFP

The IES101002SFP 10-port Ethernet switch delivers flexibility and control of your network by letting you connect a combination of RJ45 and fiber Ethernet devices. Plus, with Layer 2 management capabilities you can customize your settings to achieve optimal network performance, offering improved efficiency and reliability over typical Layer 1 and unmanaged network switches.

This versatile switch adapts to your network fiber connection and distance needs to offer flexible configuration via 2 open SFP slots, and you can choose your preferred as required. Plus, you can integrate fiber devices and cables into your network infrastructure, which can help to eliminate bandwidth, latency, and electronic interference issues.

To avoid the nuisance and added costs of different and additional switch types, this clever switch also offers 8 RJ45 Ethernet ports, giving you two effective interfaces for connecting both fiber and copper connections to just a single network device.

The scalable switch offers Layer 2 management capabilities, which lets you control packet traffic on a busy network, and in turn provides enhanced efficiency and stability of networked applications. For even more flexibility and control, the IES101002SFP offers essential features such as support for jumbo frames, link aggregation, VLAN tagging, and web or console-based command lines, as well as rackmount installation brackets.

This reliable metal switch is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Connect both copper and fiber Ethernet devices to just a single switch

• Interconnect a fiber device to a copper device and use the SFP ports to daisy chain multiple switches together

• Use fiber optic cable to connect to your network from remote areas, at greater distances than copper cable would permit

• Ideal for secure setups, fiber connections provide reduced electronic interference in complex network infrastructures

• Install in a server rack or cabinet in a network room or test lab environment

• Easily expand the number of ports on your existing network, perfect for small or medium business environments

Features

• 8x RJ45 ports + 2 fiber SFP slots, merged into a convenient Gigabit network switch

• Compliant with most SFP modules, for broad compatibility and flexibility

• Layer 2 management capabilities, for improved network control, efficiency, and stability

• Optional 19" rackmount brackets

• Web-based GUI and command-line management

• Supports IGMP

• Up to 9.6K Jumbo Frame support

• Support for link aggregation, VLAN tagging, spanning tree protocol, port-based network access control

• Compatible with 10/100/1000 Mbps networks, and compliant with IEEE 802.3, 802.3u, 802.3ab, 802.3z

• Compliant with IEEE 802.3az Energy-Efficient Ethernet, and 802.3x flow control for full duplex, and back-pressure for half-duplex operation

Hardware		
	Warranty	2 Years
	Ports	10
	Interface	RJ45 (Gigabit Ethernet)
		Fiber Ethernet
	Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T
		IEEE 802.3z 1000Base-SX/LX
		IEEE 802.3az Energy-Efficient Ethernet, IEEE 802.3x Flow Control, IEEE 802.1q VLAN Tagging, IEEE 802.1p QoS, IEEE 802.1x Port-Based Network Access Control, IEEE802.3ad Link Aggregation, IEEE 802.1d Spanning Tree Protocol, IEEE 802.1w Rapid Spanning Tree Protocol

Performance

Maximum Data Transfer Rate	2000 Mbps (2 Gbps) - Full-Duplex
Buffer Size	4 MB
Flow Control	Half-duplex back-pressure, IEEE 802.3x full-duplex
Compatible Networks	10/100/1000 Mbps
Auto MDIX	Yes
Full Duplex Support	Yes
Jumbo Frame Support	9.6K max.
Switching Architecture	Store-and-Forward
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

Connector(s)

Connector Type(s)	RJ-45
	SFP Slot
	RJ-45 Console

Software

OS Compatibility	OS Independent; No additional drivers or software required

Special Notes / Requirements

Note	Fiber data transfer speeds and distances are dependent on the SFP used (sold separately)

Indicators

LED Indicators	Link / Activity
	Power
	System

Power

	Power Source	AC Adapter Included
	Input Voltage	90 ~ 260 AC
	Input Current	1.0 A
	Power Consumption (In Watts)	14

Environmental

	Operating Temperature	0C to 40C (32F to 104F)
	Storage Temperature	-20C to 90C (-4F to 194F)
	Humidity	10~90% RH (Non-Condensing)

Physical Characteristics

	Color	Black
	Material	Steel
	Product Length	10.4 in [26.3 cm]
	Product Width	6.3 in [16.0 cm]
	Product Height	1.7 in [44.0 mm]
	Weight of Product	2.4 lb [1.1 kg]

Packaging Information

	Package Length	18.3 in [46.5 cm]
	Package Width	8.2 in [20.9 cm]
	Package Height	2.6 in [67.0 mm]
	Shipping (Package) Weight	4.9 lb [2.2 kg]

What's in the Box

	Included in Package	10 Port Gigabit Ethernet Switch w/ 2 Open SFP Slots
		Mounting Brackets (1 set)

Power Cords (NA/UK/EU)

Instruction Manual (CD)

Quick Start Guide

Product appearance and specifications are subject to change without notice.