

FibRSol – 5-Port Fast Ethernet with 4-Port PoE+ Desktop Unmanaged Switch

Model: FSF-5504IP

Highlights:

- ✓ 5-Port Fast Ethernet
- ✓ 4-Ports PoE+
- ✓ 80W Internal Power
- ✓ PoE Budget 70W
- ✓ 1Gbps



Product Overview:

FibRSol FSF-5504IP Unmanaged PoE switch provides a reliable infrastructure for your business network. It delivers more intelligent features to improve the availability of critical business applications, protects the sensitive information, and optimizes the network bandwidth to deliver information and applications more effectively. It best fits for SMB or entry-level enterprise solution which demands Industrial, Surveillance, IP Phone, IP Camera or Wireless applications. All in all, the PoE switch provides Security, Performance, Quality of Services, Centrally managed and other network control capabilities.

General Description:

- ✓ Support 5 10/100 Base-T
- ✓ RJ45 Ports
- ✓ Input: 100-240V AC
- ✓ Support 4 PoE Ports,

Features:

- ✓ IEEE 802.3af/at
- ✓ IEEE802.3af
- ✓ PoE Power Budge: Alert on 60W Budget: 70W

Hardware Spec

Subscriber Interface:

5 x Fast Ethernet Ports, Support 4-Port x PoE+

Case Type:

Metal

Dimension:

215.5 (W) * 133 (D) * 42 (H) mm

Power Input:

AC-to-DC external power adapter

Input: 100-240V AC

Output: 75W

PoE Power Budget:

Alert: 60 W / Budget: 70W

DIP Switch:

Support 10Mbps / 200m transition function for PoE Ports

PoE Output Power Capacity:

Maximum output: 30w per each port

1. Compliant with IEEE802.3af/at standard, Following IEEE802.3at/at to support PoE or PoE+
2. Automatically discover the connection of PD device and immediately sends power to it.
3. Auto disable port if the port current is over 700mA or short happens
4. The maximum power used by power devices is defined by the following classification. When port works in Auto mode, the output port power limit will be associated with PD classification Value.

Class	Usage	Minimum Power Levels Output at the PSE	Maximum Power Levels at the Powered Device
0	Default	15.4W	0.44 to 12.95W
1	Optional	4.0W	0.44 to 3.84W
2	Optional	7.0W	3.84 to 6.49W
3	Optional	15.4W	6.49 to 12.95W
4	Optional	30W	12.95W to 25.5W

5. Follow the standard PSE pin-out standard of Alternative a (MAD-X) which is sending out power over number 1, 2, 3, 6 pins of 8 wires of Ethernet CAT5 UTP Cable.

PoE Power Output Pin:

Alternative A (Pin-1, 2, 3, 6,)

Temperature:

Operating: 0 ~ 40 / Storage: -40 ~ 70

Humidity:

Operating: 10% ~ 90% RH (non-condensing)

Software Spec

Interface:

5*10/100Base-TX Fast Ethernet Ports auto-negotiation & auto-MDIX with 4-port POE

Packet Forwarding Rate:

14881PPS for 10BASE-TX

148810PPS for 100BASE-TX

Switching Fabric: 1Gbps

Standard:

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX
- IEEE802.3az (EEE)
- IEEE802.3x
- IEEE802.3af
- IEEE802.3at

Layer 2 Features:

- Memory Buffer: 56K bytes
- MAC addresses table: 1K
- Forwarding rate: 0.744Mpps (64-byte package size)
- Auto address learning
- Link-on cable length power saving and link-down power saving
- N-way auto-negotiation
- Automatic MDI/MDIX support

Ordering Information:

Model	Description
FSF-5504IP	5 Port 10/100 Base Tx+ W/4 PoE ports, Input: 100-240V AC Power, PoE Budget 70W