

## FibRSol – 24-Port +4 Port SFP+ L2 Management Switch

Model: FSX-4428-4X

### Highlights:

- ✓ 24 Port 10/100/1000Base-TX
- ✓ +4 10G SFP
- ✓ L2 Managed Switch
- ✓ Dying Gasp
- ✓ Support 6KV Surge Protection



### Product Overview:

FibRSol FSX-4428-4X L2 Management 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 24\*RJ45 Ports
- ✓ +4 SFP+ Ports
- ✓ Support 6KV Surge Protection

### Features:

- ✓ Support Web UI for configuration
- ✓ Support Console Port With CLI Command
- ✓ Support HW Monitor Alarm

## Hardware Spec

### I/O Ports:

24x GbE ports, RJ45

4 x 10G ports, SFP+

Reset Button: reset to default setting, re-start system

Console port by RJ45 type

**PoE Port:** Port# 1~ 8 / IEEE802.3at, IEEE802.3af

### HW Features:

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX
- IEEE802.3ab 1000BASE-T
- IEEE802.3ae SFP+
- IEEE802.3az EEE
- MAC address Table: 16K
- Packet buffer size: 12Mbit
- Jumbo Frame: 12K bytes
- 128Gbps switching capacity
- Forwarding rate: 95.2Mpps (64-byte package size)

### Data Transfer Rate:

- Ethernet:10 Mbps(half duplex),20 Mbps(full duplex)
- Fast Ethernet:100 Mbps(half duplex),200 Mbps(full duplex)
- Giga Ethernet:2000 Mbps(full duplex)
- 10 Gigabit Ethernet:20 Gbps(full duplex)

**Power Input:** Internal power supply

Input: 90~264VAC/47~63Hz / Output: 12V/3A

**Surge Protection:** Support 6kV surge protection on RJ45 port

**Dimension:** 441mmx196mmx44mm

### Temperature:

**Operating:** 0 ~ 40°C / **Storage:** -40 ~ 70 °C

### Humidity:

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

**Storage:** 5% ~ 90% RH (non-condensing)

## Software Spec

**Status:** System Information / Logging Message / Link Aggregation

**Port:** Statistics/Error Disabled/Bandwidth Utilization /MAC Table: 8K

**Network:** IP Address: Static / Dynamic

System Time: SNTP/ Computer/Manual

**Port: Port Setting:** State/Speed/Duplex/Flow Control

**Error Disabled:** Recovery Interval: (ACL/ARP Rate Limit/BPDU Guard / Broadcast Flood/DHCP Rate Limit/Port Security / Self Loop / Unicast Flood Unknown Multicast Flood) **Link Aggregation:** Group/LACP/EEE, **Port Setting :**( State/Speed/Flow Control), **Jumbo Frame:** 1518~10000 Byte

**PoE: Global Setting:** (Schedule Status)/Priority Setting/Power Limit/Power Show

### VLAN:

Voice VLAN / Voice VLAN / MAC VLAN /Protocol/Surveillance /GVRP

### MAC Address Table:

Dynamic Address / Static Address / Filtering Address

**Spanning Tree:** Property (STP/RSTP/MSTP)

**Discovery:** LLDP

**Multicast:** General/IGMP/MLD Snooping / MVR

**Security:** RADIUS /Management Access/Authentication manager/Port Security/Protected Port/Storm Control/DoS/DHCP/Dynamic ARP Inspection/IP Source Guard

**ACL:**MAC ACL/ACE IPv4: ACL/ACE, ACL Binding

**QoS:** General/Rate Limit

**Diagnostics:** Mirroring / Ping / UDLD/logging/Traceroute/Copper test/Fiber Module

**Management:**User Account/Firmware/Configuration/SNMP  
RMON: Statistics/History/Event/Alarm

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## Ordering Information:

Model	Description
FSX-4428-4X	24 Port 10/100/1000 Base-Tx + 4 10G SFP, L2 Managed Switch with Dying Gasp & supports 6kv surge protection