LevelOne
User Manual
FSW-0503

4 FE PoE + 1FE Switch

Introduction

FSW-0503 is a 4 Fast Ethernet PoE +1 Fast Ethernet Switch. Per PoE port is powered up to 15.4W. The total PoE power budget is 65W. It is an ideal solution for extensive WLAN, IP surveillance system deployments especially when the legacy and PoE compliance devices co-exist in your network environment. The switch automatically detects IEEE 802.3af compliant device connected and provides power and data over a single cable to these devices. FSW-0503 is compact in size, making it ideal for desktop users with limited space. You also have option of installing several FSW-0503 (-Z) in a 19" chassis (POC-6000) for a largescale rack-mount PoE Solution.

Stable and Reliable Network Environment

FSW-0503 enables users to deploy a stable and reliable high-speed LAN environment, with store-and-forward switching architecture, packet error filtering and non-blocking packet forwarding. The 802.3x and backpressure flow control mechanisms work respectively for full and half duplex modes. This device supports N-way auto-negotiation protocol that automatically detects networking speed and duplex modes.

Easy to Use

For instant error detection, the switch is equipped with a full range of LEDs to help monitor and troubleshoot problems on the network.

Technical Specifications

Standards	IEEE 802.3: 10 BASE-T IEEE 802.3u: 100 BASE-TX IEEE 802.3af: Power Over Ethernet
Features	MAC Address: 1K Buffer Memory: 512K bits Transmission Method: Store and Forward
Filtering/Forwarding Rates	100Mbps port - 148,800pps 10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP
Uplink Port	1
PoE Spec	Supports up to 15.4 W for each PoE port PoE power budget : 65W PD classification identify PoE over current protection PoE circuit sorting protection PoE power on RJ-45 pin 3,6 for power -/ pin 1,2 for power+
LED Indicators	Power, Uplink , LAN1~4 port , PoE 1~4 port
Power Adaptor	100~240VAC/50~60Hz External Power Adapter Output: 48V/1.35A
Dimensions	120 × 90 × 28 mm (L x W x H)
Weight	1.2 kg
Operating Temperature	0 to 50℃
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC , CE

Diagram

POC-6000 8 Bay High Power PoE Chassis

POC-6000 , an 8-bay high power chassis, is designed specifically to station for FSW-0503(-Z). With plug & play features for easy installation, each bay of POC-6000 can be plugged in for one FSW-0503(-Z) to supply power (up to 15.4W) for remote PoE applications.

Connection Diagrams