

4+4 POE Fast Ethernet Switch

Advanced POE Solution --LevelOne's new FSW-0822 switch is equipped with 8 10/100 Mbps ports with auto-MDI/MDIX crossover detection function. While combining power with Ethernet Technology, 4 of these 8 ports automatically detect the presence of IEEE 802.3af-compliant devices and provide the capability of transferring power and data over a single cable. The FSW-0822 is an ideal solution for extensive WLAN, IP Phone, and IP Surveillance System deployments especially when the legacy and POE compliance devices co-exist in your network environment.

Fast and Reliable Technology -- FSW-0822 offers users with fast and reliable network. The store-and-forward architecture filters errors and forwards packets in a non-blocking environment. Flow control ensures the correctness of data transmitting. The 802.3x and backpressure flow control mechanisms work respectively for full and half duplex modes. This device supports Nway auto-negotiation protocol that detects the networking speed and the duplex modes (Full/Half) automatically. Auto-MDI/MDI-X function alleviates the effort to use crossover cables.

Easy to Use -- For instant error detection, the switch is equipped with a full range of LEDs to help you monitor and troubleshoot problems on your network. The 11" design fits easily in any location. Users can place the switch on the desktop. With the accessory kits, the switch can either be stacked or mounted to the 19" rack or cabinet. The FSW-0822 switch provides an ideal solution for small businesses that demand a reliable network to interface file servers with bandwidth-starving workgroups, departments, and offices.



FSW-0822

Related Products



GSW-2420
24-port Gigabit Switch



GSW-1641
16G + 1 SFP Switch



GSW-2440
24G Web Smart Switch

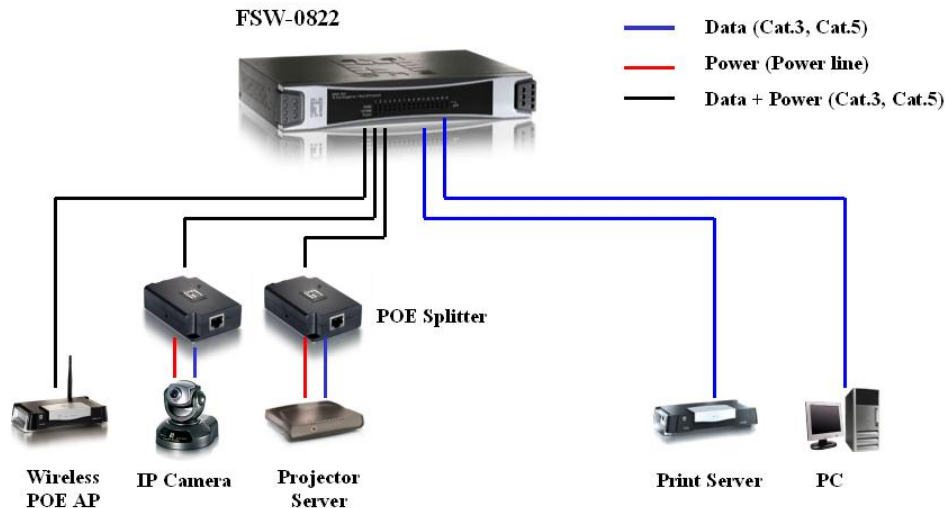
Key Features

- Complies with IEEE 802.3, 802.3u and 802.3af
- 8-port 10/100Mbps Ethernet with 4-port PoE Switch
- Provides 8 10/100M auto-detect with half/full duplex switch ports
- Provides 4 PoE ports with classification identify
- Supports 15.4W maximum per PoE port
- Supports over current protection and circuit shorting protection
- Supports up to 1K MAC address table
- Provides 768 K Bits frame buffer
- Non-blocking switching performance
- Front-panel diagnostic LEDs
- Supports back-pressure (half duplex) and flow control (IEEE 802.3x)
- Internal power adapter

Technical Specification

- **Standards Compliance**
IEEE 802.3: 10 BASE-T
IEEE 802.3u: 100 BASE-TX
IEEE 802.3af: Power Over Ethernet
IEEE 802.3x Flow Control for Full-Duplex
- **Interface**
4 x 10/100Mbps Auto-negotiation, Auto-MDIX PoE ports
8 x 10/100Mbps Auto-negotiation, Auto-MDIX Fast Ethernet ports
- **Protocol**
CSMA/CD
- **Switching Method**
Store-and-Forward switching architecture
- **Transfer Rate**
14,880 pps for 10Mbps
148,800 pps for 100Mbps
- **Cabling**
Ethernet: 2-pair UTP/STP Cat.3,4,5, EIA/TIA-568 100-ohm
Fast Ethernet: 2-pair UTP/STP Cat. 5, EIA/TIA-568 100-ohm
- **MAC Address Table**
1K
- **Buffer**
768K bits
- **POE Spec**
Supports up to 15.4 W for each PoE port
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
- **LEDs**
Per Device: Power
Per Port: 10/100Mbps Link/ACT (green/Blinking);
Per POE Port: POE ACT (green);
- **Power Supply**
100~240VAC/50~60Hz universal input; Internal power Supply
- **Power Consumption**
65 Watts (max)
- **Temperature**
Operating: 0°C ~40°C
Storage: -10°C ~70°C
- **Humidity**
Operating: 10% ~ 95% Non-Condensing
- **Dimension**
270mm(W) * 187mm(H) * 43mm(D)
- **EMI and Safety**
FCC class A, CE

Product Diagram



Ordering Information

- FSW-0822: 4+4 POE Fast Ethernet Switch