

24-Port PoE Midspan Hub

Product Overview

The LevelOne POH-2450 is a 19-inch 24-port PoE Midspan hub and is an ideal solution for SMB and Enterprise business that are looking for an advanced featured PoE injection network device. The LevelOne 24-Port PoE Midspan hub provides for greater flexibility and reduced installation costs with the deployment of PoE network devices.

By deploying a Midspan Hub into an existing LAN is an economical way to ensure that a stable power supply is always available to connected network powered devices in case of power failures.

Inject Power into the Network

The POH-2450 is fully compliant with the IEEE 802.3af standard and acts as a PoE injector panel between a network switch and PoE compliant network devices to provide power and data through Cat 5/e/6 Ethernet cables.

It is equipped with 48 10/100TX ports that are divided into two segments. The bottom row of 24 RJ-45 ports allow for data-input to the Midspan hub, while the top row of 24 RJ-45 PoE ports allow for data and power output through Cat 5/e/6 cabling to Network Powered Devices, such as IP Cameras, IP Phones and other PoE network devices. Power and data can be transferred through Cat 5/e/6 cabling up to 100 meters away from the Midspan Hub.

The Midspan hub provides full power 400 Watts distributed over 24 ports with 15.4 Watts at each port.

Optional Redundant Power Supply

The optional Managed Power Supply unit provides power supply redundancy to the POH-2450 in case of power failure. This unit provides an RS-232 interface for power monitoring.

Easy Network Management Interface

The POH-2450 has an easy to use User Interface that allows for quick configuration, device management and network management. It provides full CLI, SNMP and Web network management features, as well as PoE Intelligent Management support and IP managed secured access to hub management features. It further features E-mail notifications, DHCP client for IP address assignment, SNTP for hub clock synchronization and keeps a detailed system log.



POH-2450

Key Features

- All LevelOne and most other network Powered Devices (Network Cameras, Wireless AP and VoIP Phones) are compatible
- Compliant with IEEE802.3af, IEEE802.3 10Base-T, 802.3u and 100Base-TX and Pre-Standard PD
- Provides 15.4 Watt per port with full-power support for PoE powered devices
- Provides support for flexible power limit settings and priority of power delivery to attached PoE powered network devices
- Provides support for SNMP, Web, Console and Telnet network management features
- Provides protection against power overloading and possible short circuit
- Supports redundant power supply with an RS-232 agent for UPS monitoring and control
- PoE Intelligent Management with easy to use User Interface

Technical Specification

Standards Compliant

IEEE802.3 10Base-T
IEEE802.3u 100Base-TX
IEEE802.3af Power over Ethernet

Network Interface

24x 10/100TX Ports for Data in
24x 10/100TX Ports for Data and Power out
1x 10/100 TX Port for In-Band management
1x RS232 Console port for out-Band management
1x RS232 Console for UPS Monitoring and Control

Power over Ethernet mode

Support Mid-Span mode

Maximum feeding power

- Per Port Power Delivery:
15.4 Watts per PoE ports
- Aggregate Power:
400 Watts

Power

AC input 100~240V, 50/60Hz
DC input 48V (Redundant)

Console Management

SNMP, Telnet, Command line interface and
Web management

Power consumption

407 Watts (Maximum) @AC 110V

ROM

512Kbytes

System memory

8Mbytes

LED

System power (Green)
FAN: Fail (Red)
POE port: Power forwarding (Green), Over load /Short (Green)
Ethernet Port: Link/Activity, Full Duplex/Collision (Green)

Operating environment

Temperature: 0°C~45°C,
Humidity: 5%~95%RH
Storage: -40°C ~70°C

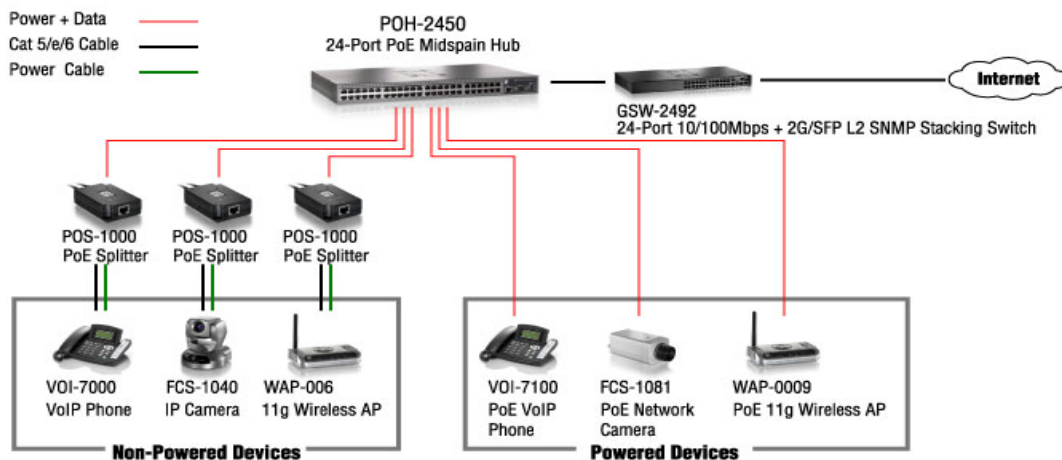
Dimension

440mm (W) x 225mm (D) x 44mm (H)

EMI

FCC Class A, CE
Safety UL, cUL, CE/EN60950-1

Product Diagram



Ordering Information

POH-2450 24-Port PoE Midspan Hub

For more information, please contact your LevelOne representative, or visit our website
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