24-Port PoE Midspan Hub

POH-2450

H/W Version: 1

Product Overview

The LevelOne POH-2450 is a 19-inch 24-port PoE Midspan Hub for SMB and Enterprise users looking to send PoE power to network device.
Deploying a Midspan Hub into an existing LAN is an economical way to provide flexibility and reduce installation costs to important PoE devices Such as IP cameras, access points, and VoIP phones.
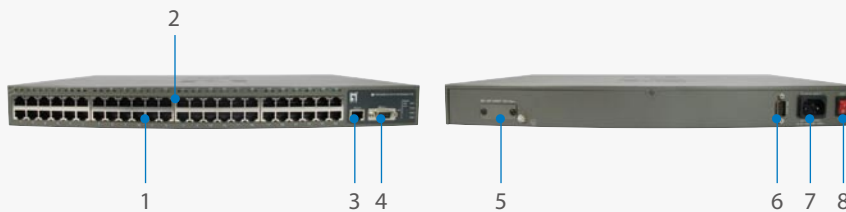
Inject power into the Network

The POH-2450 is fully complaint with the IEEE 802.3af standard and acts as a PoE inector panel between network switch and a PoE compliant device. It is equipped with 48 10/100Base-TX that are divided into two segments. The top row of 24 RJ-45 ports allow for data-input to POH-2450, while the bottom

row of 24 RJ-45 PoE ports sends data and power over Cat 5/e/6 cabling to the PoE device, up to 100 meters away. The Midspan hub provides full power 400 Watts distributed over 24 ports with 15.4 Watts at each port.

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 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.

1. Data + Power Out
2. Data In
3. Ethernet Management Port
4. RS-232 Management
5. DC 48V Input
6. UPS Management
7. Internal Power Socket
8. Power Switch

Key Features

- Compliant with IEEE802.3 10Base-T, 802.3u and 100Base-TX Pre-Standard PD
- Provides 15.4 Watt per port with full-power support for PoE powered devices
- Provides support for SNMP, Web, Console and Telnet etwork management features
- Provides protection against power overloading and possible short circuit
- Support UPS (Uninterruptible Power Supply) equipped RS-232 for UPS monitoring and control.
- PoE Intelligent Management with easy to use User Interface

Works Well With

FSW-0512
5-Port 10/100 PD Switch

WAP-3100
11g PoE Wireless Access Point

Technical Specifications

Standards Compliant

IEEE802.3 10Base-T

IEEE802.3u 100Base-TX

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℃~45℃

Humidity: 5%~95%RH
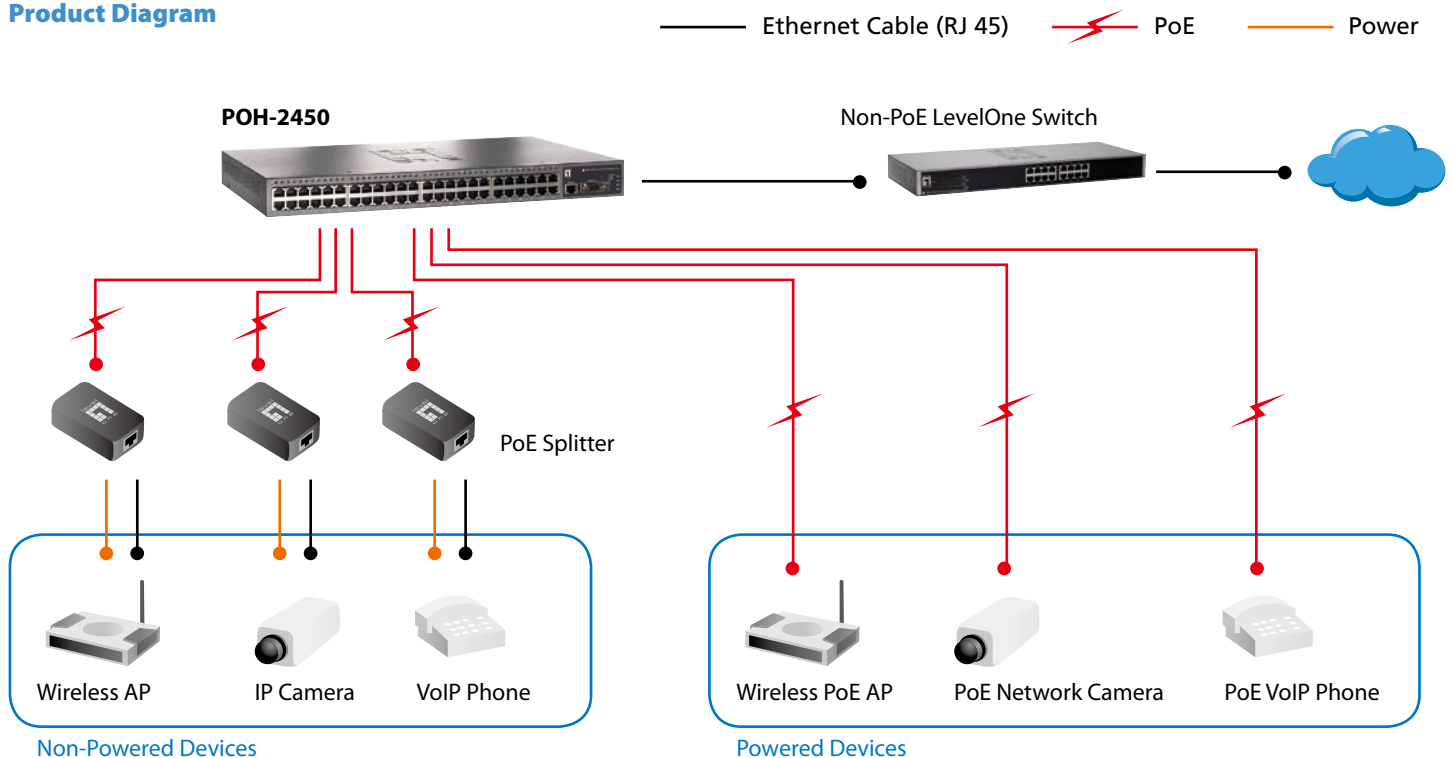
Storage: -40℃ ~70℃

Dimension: (L x W x H)

225mm x 440mm x 44mm

EMI

FCC Class A, CE

Safety UL, cUL, CE/EN60950-1

Product Diagram

—— Ethernet Cable (RJ 45)   ⚡ PoE   —— Power

POH-2450

Non-PoE LevelOne Switch

PoE Splitter

Wireless AP   IP Camera   VoIP Phone

Non-Powered Devices

Wireless PoE AP   PoE Network Camera   PoE VoIP Phone

Powered Devices

| **Order Information** | **POH-2450:** 24-Port PoE Midspan Hub |
| **Package Contents** | POH-2450, Power Cord, CD Manual/ Utility, Rack-Mount Kit, Console Cable |

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V1.0