Product Name: Phybridge PoLRE 48 Port Switch

Manufacturer: -

Model Number: PL-048

## Phybridge PoLRE 48 Port Switch

Phybridge Power over Long Reach Ethernet (PoLRE) switches go beyond traditional PoE. PoLRE switches are specifically designed to allow businesses to optimize their converged LAN platform. This game-changing switch innovation moves the convergence point from every desktop to a single point in the central closet&mdash;greatly reducing costs, risk and complexity while eliminating many of the compromises associated with layering voice on your data switch fabric. With a PoLRE backbone complementing the data switch fabric, you are guaranteed voice quality of service, voice continuity with no data LAN dependencies, and a highly secure topology with the physical separation of voice communications. Best of all, there&rsquo;s no need to replace the IP phone or power source when upgrading your data speeds to the desktop: The separate PoLRE backbone supports your bandwidth and power requirements today and in the future.

Phybridge POLRE 48 Port  Key Features

• Highly resilient and robust PoLRE switches have been designed from the ground up to meet the &ldquo;five nines&rdquo; high availability of service required in telephony.

• Solid and dependable, PoLRE switches are built to withstand tough operating environments.

• Create the ideal converged LAN topology by optimizing your LAN for voice and data convergence with a separate voice path.

• Point-to-point topology provides dedicated physical bandwidth for voice, ensuring QoS and voice continuity with no data LAN dependencies.

• Leveraging your existing voice infrastructure makes migrating to IP telephony simple, and the quick and easy plug-and-play deployment saves you time while minimizing network and business disruption.

• Simplify network management. Physically separating voice traffic eliminates the complexities of managing constantly changing voice, video, and data traffic that share a single path.

• Monitor, update and troubleshoot switches in real-time with the Simple Network Manager, an easy-to-use and easy-to-learn tool.

• Easily identify end point locations, essential for location identification methods such as E911 and asset tracking.

• Operate the switch in secure transparent mode with management still available over the console port.

• 48-port PoE switch in a stackable 1U chassis with a compact and sleek design.

• Energy efficiency design makes PoLRE one of the lowest power consuming data switches in the industry. PowerWise technology and features such as power/load sharing, hot swappable and redundant power supplies ensure voice continuity.

• Optimizing your converged LAN network increases your return on investment and decreases your total cost of ownership, greatly reducing management complexity and requirements.

Phybridge POLRE 48 Port Switch  Technical Specifications

What is PoLRE?

The PoLRE switch innovation delivers Ethernet and Power over Ethernet over a single pair of cable with four times the reach of traditional switches. You can transform your existing voice infrastructure into an IP path with power, ideal for IP telephony deployment. The two most important aspects businesses can&rsquo;t compromise when delivering a robust voice platform are power and the availability of uninterrupted bandwidth: The PoLRE switch has both covered, with 24-port and 48-port configurations and the ability to scale to thousands of users.

Kit contents

The Most Robust PoE Switch Offering Available

PoLRE comes standard with PowerWise&reg; technology. High performance PoLRE switches are equipped with industry leading power capabilities found in switches twice the price. Power

sharing, load balancing, AC/DC options, and hot swappable power supply make the PoLRE switch one of the most robust PoE switches available today.
Quality of Service Guaranteed
Phybridge offers an industry leading QoS guarantee. We can do this with confidence because we leverage the existing, proven reliable point-to-point voice infrastructure to create a dedicated physical path for every IP phone, ensuring data traffic has no impact on the user&rsquo;s voice experience.
PoLRE Switch Features
General + L2 Managed Switch
Power

• PowerWise low power switches
• Efficient and easy web design
• Full WEB, CLI and SNMP management
• Port control
• Port speed, duplex mode, and flow control
• Port frame size (jumbo frames)
• Port state (administrative status)
• Port status (link monitoring)
• Port statistics (MIB counters)
• Power savings
• POE with LLDP
• LED power management


QoS
Point-to-point topology
Power/Load Sharing
PoLRE switches are among the lowest power consuming data switches in the industry, with features including power/load sharing, hot swappable power supply, and AC/DC options. PoLRE switches come standard with PowerWise technology, providing the flexibility to use either AC or DC power sources with the same switches. PoLRE provides you with the most robust PoE platform in the industry: a highly reliable local area switch network powered by PowerWise with multiple sources of redundancy.
Industry-Leading Network Services

• PoLRE switches support industry-leading network services (such as
• VLAN, SNMP and STP/RSTP), providing you with comprehensive and effective management of the switch.
• Secure Transparent Mode (Bridge Mode)
• Operate the switch in secure transparent mode with management still available over the console port. When operating in transparent mode, the PoLRE switch functions as a bridge and is not visible on the network. E911 Support
• PoLRE switches support E911, an enhancement to the 911 service that allows the user&rsquo;s location to be identified. The fixed nature of the
• PoLRE telephony infrastructure makes it easy to determine end point locations, required for E911 location identification.


Simplify Management with the PoLRE Simple Network Manager
Managing your PoLRE switches is quick and easy with the Simple Network Manager. Instantly get a complete picture of your PoLRE switch network, perform real-time updates and dynamically control services. Key information, such as bandwidth consumption and ethernet port status, is available at a glance. The PoLRE Simple Network Manager is so easy to understand, you can start using it right away&mdash;no training required.
Easy to Navigate
Finding your way around is easy. There&rsquo;s no complicated navigation system to learn: Just

click the System, Ethernet, VLAN and Admin navigation buttons at the top of the screen to move through the Simple Network Manager pages.

Easy to Find Information

Information is grouped logically, making switch details and controls easy to find. For example, when working with a service, you can see the status of all other services at the same time; when viewing details for a VLAN, you can also see information for all VLANs on the network.

**Price: £2,347.00**

Options available for Phybridge PoLRE 48 Port Switch :

## Annual Maintenance Offering

Annual Gold Maintenance, Not Required, Annual Platinum Maintenance, Annual Silver Maintenance.