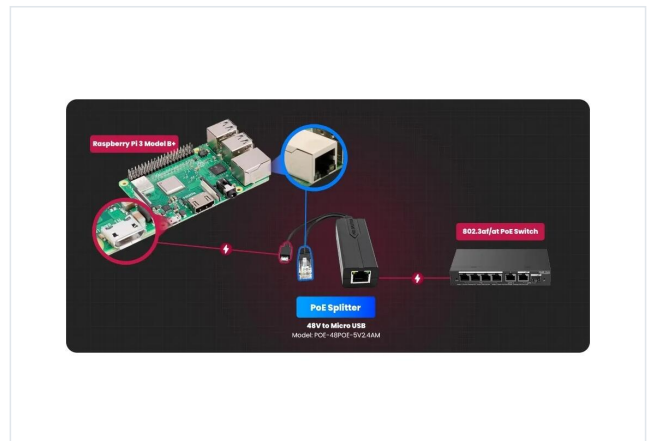


POE-48POE-5V2.4AM

UltraLAN PoE Splitter 802.3af/at to 5V / 2.4A Micro-USB & Ethernet

Product Overview

UltraLAN PoE Splitter 802.3af/at to 5V / 2.4A Micro-USB & Ethernet, 48V to 5V PoE Splitter, Converts Standard 802.3af/at PoE Input (48-57V) into a regulated 5V DC Output via a Micro-USB Connector



Specifications

Overview Summary:

Power your 5V devices directly from your PoE network with the UltraLAN 802.3af/at PoE Splitter. Designed for seamless integration into existing Ethernet installations, this compact adapter converts standard 48V PoE input into a stable 5V DC Micro USB output while maintaining Ethernet data connectivity. It is ideal for smart devices, IoT systems, access control units, and embedded networking equipment in homes, offices, and commercial environments.

The plug-and-play design makes installation simple and reduces the need for separate power adapters and extra cabling. Built-in protection against over-voltage, over-current, and short circuits helps ensure reliable long-term performance. Buy now and simplify your network-powered installations with a dependable PoE to 5V conversion solution.

Performance tier:Entry-Level Commercial Networking

Uses: IoT devices, smart controllers, digital signage players, access terminals, embedded systems, smart home installations, Ethernet-powered equipment

Overview:

UltraLAN 802.3af/at to 5V Micro-USB PoE Splitter for Smart Device Powering

The UltraLAN POE-48POE-5V2.4AM delivers a practical way to power 5V devices using existing PoE network infrastructure. Designed to convert standard 48V to 57V PoE input into a stable 5V DC output, this compact splitter provides up to 2.4A through a Micro-USB connector while maintaining Ethernet data connectivity through the RJ45 output port.

Ideal for smart devices, IoT deployments, automation systems, and digital control hardware, this PoE splitter removes the need for separate power adapters and additional wall sockets. It helps simplify installations, reduce visible cabling, and improve deployment flexibility in commercial, industrial, and residential environments.

Description:

The UltraLAN POE-48POE-5V2.4AM PoE splitter converts standard 802.3af/at Power over Ethernet into regulated 5V DC output through a Micro-USB connector while preserving Ethernet connectivity. It is designed for powering non-PoE devices such as IoT equipment, embedded controllers, smart displays, access terminals, and automation hardware directly from a PoE-enabled network. With plug-and-play installation, built-in electrical protection, and reliable 5V power delivery up to 2.4A, this splitter offers a clean and cost-effective solution for modern network installations.

Features:

Designed for Reliable 5V Device Integration

This PoE splitter is engineered for environments where both power and network access are required at the device location. By combining power conversion and Ethernet passthrough into a single compact unit, the POE-48POE-5V2.4AM simplifies deployments and reduces installation complexity.

It is particularly useful when powering devices in areas where traditional AC power access is limited or inconvenient. From embedded systems and smart controllers to compact digital signage players, the splitter provides dependable power delivery without additional adapters.

Key Advantages for Network Installations

- Converts 802.3af/at PoE input into stable 5V DC output
- Provides up to 2.4A output through Micro-USB connection
- Maintains Ethernet data passthrough for uninterrupted connectivity
- Supports clean single-cable power and data deployments
- Compact design suited for tight installation spaces
- Helps reduce cable clutter and external power supplies
- Plug-and-play setup with no software configuration required

Built for Safe and Stable Operation

The UltraLAN splitter includes integrated protection mechanisms to help safeguard connected devices and maintain stable operation during long-term use.

Protection support includes:

- Over-voltage protection
- Over-current protection
- Short-circuit protection

These safeguards make the device suitable for continuous operation across demanding commercial and industrial networking

ComX Computers

Product Specification Sheet

environments.

Ideal Applications

The POE-48POE-5V2.4AM can be used across a wide range of low-voltage networking and automation deployments, including:

- IoT devices and smart sensors
- Embedded Linux systems and microcontrollers
- Smart access terminals
- Automation control systems
- Digital signage media players
- Smart home integrations
- Remote monitoring equipment

Technical Details

- Part Number / SKU: POE-48POE-5V2.4AM
- PoE input standard: IEEE 802.3af/at
- Input voltage range: 48V to 57V
- Output voltage: 5V DC
- Maximum output current: 2.4A
- Power connector: Micro-USB
- Network connection: RJ45 Ethernet passthrough
- Installation type: Plug-and-play

Efficient Power Delivery Over Existing Ethernet Infrastructure

Using the UltraLAN POE-48POE-5V2.4AM allows installers and system integrators to extend power and connectivity through a single Ethernet cable. This not only reduces infrastructure costs but also improves installation flexibility for smart technology deployments where space, accessibility, and cable management matter.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/POE-48POE-5V2-4AM-UltraLAN-PoE-Splitter-802-3af-at-Buy-p-337475.php>

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