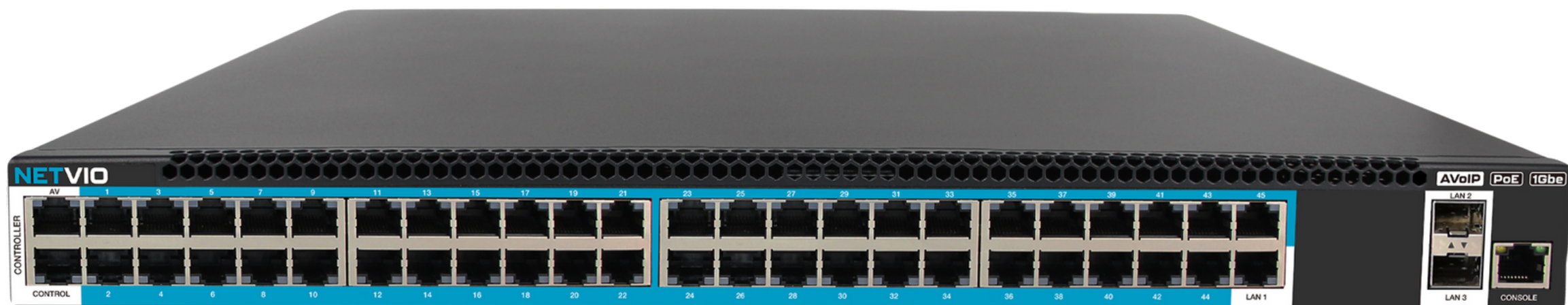


IP-SW-48P-10

Pre-Configured 48 Port AVoIP Switch



> Product Description

The Netvio IP-SW-48P-10 is a 48-port Gigabit PoE+ (non-stackable) switch optimized for larger Netvio JP4 Series AVoIP deployments. Preconfigured for multicast video distribution, it enables true plug-and-play operation with JP4 encoders, decoders, and the IP-JP4-CL-10 controller, eliminating the complexity of IT-managed switch configuration.

With an extended 900 W PoE+ budget, the IP-SW-48P-10 delivers up to 30 W per port, providing direct power for large numbers of endpoints and controllers without external adapters. This simplifies cabling, reduces rack clutter, and ensures reliable 24/7 operation across demanding, high-density AV systems.

Designed for professional AV integration, the switch supports pre-configured IGMP snooping/querier, VLAN segmentation, and QoS prioritization, ensuring stable, synchronized video and audio transport across large networks. The 1U 19" rackmount form factor includes rack-mount hardware and front-panel indicators for per-port PoE and link/activity, making deployment and maintenance straightforward.

> Product Features

- 48 × Gigabit PoE+ Ports — Power and data delivered on one cable per endpoint.
- Factory Pre-Configured — Ready for Netvio JP4 encoders, decoders, and controllers with zero IT programming.
- Eliminates the complexity of VLAN, IGMP, and multicast programming, enabling true plug-and-play deployment.
- High PoE Power — 900 W PoE budget to support all connected Netvio devices.
- Supports up to 45 Endpoints on single switch.
- Dedicated Controller Ports — Optimized for Netvio IP-JP4-CL-10 central controller integration.
- Rackmount Form Factor — Professional 1U chassis designed for 24/7 reliability.

> What's Included

- 1 × Network Switch
- 2 × Mounting Ears + Screws
- Adhesive rubber feet.
- 1 × User information
- Regional Power Cord

> Specifications

General

- Model: IP-SW-48P-10
- Type: 48-Port Managed Gigabit PoE+ Switch
- Use Case: Netvio JP4 AV-over-IP deployments up to 45 endpoints

Ports & Connectivity

- 48 × 10/100/1000 Mbps PoE+ Ports (blue) for endpoints
- Dedicated Controller Ports for IP-JP4-CL-10
- LAN Uplink Ports (white) for router or wider network (Ethernet/SFP)

Performance

- Switching Capacity: 108 Gbps
- Forwarding Rate: Wire-speed, non-blocking architecture
- PoE Standard: IEEE 802.3af/at (PoE+)
- PoE Budget: ~900 W total (typical)

AVoIP Optimization

- Pre-configured for JP4 Series operation
- Multicast, IGMP snooping, and jumbo frames enabled
- Optimized for ContentPlus+ and Dante (on DNT models)

Mechanical & Environmental

- Form Factor: 19" Rack Mount (1U)
- Dimensions: 440 mm (17.3") wide, 350 mm (13.8") deep, and 46 mm (1.8") high
- Weight: Approximately 4.5kg (9.lbs)
- Enclosure: Metal, black finish
- Operating Temperature: 0°C to 40°C (32°F to 104°F)
- Storage Temperature: -20°C to 60°C (-4°F to 140°F)
- Humidity: 20–90% RH non-condensing

Works with.....

- All versions of JP4 Series
- IP-JP4-CL-10 Controller
 - Not required in Dante AV-A mode.
 - TS-13-10 (Touch Panel) moving to TS-10-10

Whats Included

- Network Switch
- Detachable Rear Ears with hardware
- Regionalised Power cord
- User Information

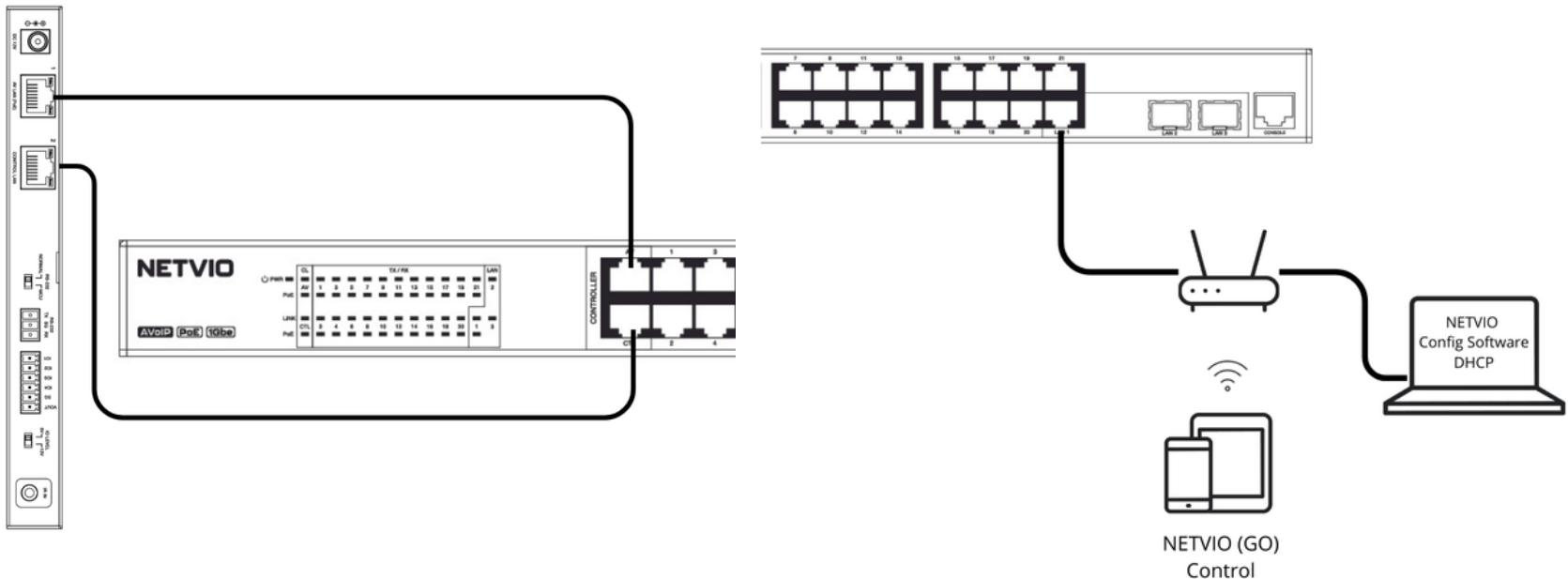
Warranty

- 5 Years (2 Years advanced replacement).

Compliance

- Certifications: CE, UKCA, FCC, RoHS

> Wiring Diagram



> For Systems over 45 EndPoints

- Arakins
 - Cisco
 - Draytek
 - Luxul
 - Netgear
 - Niveo
 - Ubiquiti
- Switch guides are available for download at www.netvio.io or www.netvio.co.uk

> M&E Description

Architects & Engineers Specification — Netvio IP-SW-48P-10

The network switch shall provide forty-eight Gigabit PoE+ ports delivering up to 30 watts per port with a total PoE budget of at least 900 watts and shall be pre-configured for AV-over-IP applications including Netvio ContentPlus+ dual-stream video distribution. The unit shall support plug-and-play operation for systems of up to forty-five endpoints, provide a switching capacity of no less than 176 Gbps with latency under five microseconds, and include a dedicated controller interface for the Netvio IP-JP4-CL-10. The device shall be one rack unit in height, include an internal universal power supply with active cooling, conform to IEEE 802.3 standards, and be the Netvio IP-SW-48P-10 or approved equal.