
# POE12AC

## Managed 12-Port POE Panel

Rack-mounted power and Ethernet distribution for wireless radio sites

**Rayan Nivand Co. Ltd.**

| | | |
|---|---|---|
| **12 + 12**<br>POE + Ethernet | **24V DC**<br>POE Output | **350W**<br>Total Power |
| **220V AC**<br>Input | **Web**<br>Control | **SNMP**<br>Monitoring |

# Technical Overview

Version 2.0


## Core Specifications

| | |
|---|---|
| **POE ports** | 12 managed 24V DC outputs |
| **Ethernet ports** | 12 gigabit Ethernet ports |
| **Input power** | 220V AC |
| **Power system** | 350W total capacity |
| **Cooling** | Two automatic fans |
| **Form factor** | 1U rack-mount chassis |
| **Management** | Web interface and SNMP support |

## Operational Highlights

- Remote power control for connected radio devices.
- Protected and isolated output ports.
- Status indication for port power state.
- Designed for organized cabling inside outdoor and indoor racks.
- Grounding support for improved protection of connected ports.
- Stable output power for field radio equipment.

# Designed for Real Rack Deployments


## Why Use POE12AC?

- Removes the need for 12 separate adapters and 12 individual POE injectors inside the rack.
- Improves rack space usage and keeps power distribution concentrated in a single 1U device.
- Makes cable routing cleaner and easier to service.
- Helps control input power fluctuations and maintain stable output power.
- Supports lightning protection and grounding of the device and connected ports.
- Allows operators to power-cycle radio links remotely without visiting the site.

### Field-service advantage

A single managed power panel reduces adapter clutter, makes radio labels and cables easier to trace, and gives technicians a cleaner rack layout for troubleshooting.

# A managed power panel for cleaner radio-site operations

POE12AC combines remote power control, port documentation, service actions, and site monitoring in one rack unit.

### 1 Remote Power Control

Turn connected radio equipment on or off through the web interface or SNMP. Automatic mode can restore a port after a timed restart.

### 2 Clear Port Identity

Store a description for each port, such as radio link name, site role, or destination. This makes field service faster and less error-prone.

### 3 Status Visibility

View port state, management availability, and internal device temperature from the management interface.

## Service and Recovery Workflow

- Define the main backbone radio for the site.
- Automatically power-cycle the main radio if upstream communication is lost.
- Record the device installation date inside the unit.
- Perform software and hardware reset operations when service is required.

## Contact

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**Centralized 24V DC POE power | Gigabit Ethernet pass-through | Web and SNMP management**