



Skymira P25 IP Relay Overview

[Skymira's P25 IP relay \(P25-IPR\)](#) creates a highly secure, plug-and-play portable P25 network that transparently transmits audio, subscriber ID, GPS location, and emergency calls from P25 radios over IP networks. This is brand new technology that Skymira has designed and developed to meet a need for P25 radio users.

The P25-IPR is versatile because it **works with all P25 radios** and **operates on any IP network**. Integrated into new and existing two-way radio systems, the P25-IPR will eliminate coverage gaps, provide affordable CJIS compliance, increase worker safety, and create seamless interoperability.

Key Features

- Portable P25 Network — take your coverage with you
- Highly Secure — FIPS 140-2 level 1 validated
- Manufacturer Agnostic — supports all manufacturers
- Network Agnostic — satellite, LTE, FirstNet, fixed site ISPs, fiber
- Transmits Audio & Data — audio, subscriber ID, GPS location, emergency call
- Optimized for Satellite — very low bandwidth requirements



Benefits

- Eliminate Coverage Gaps
- Ensure Reliable GPS Tracking
- Achieve CJIS Compliance
- Control Your P25 System Life Cycle
- Get Seamless Interoperability
- Stay Online During Outages and Disasters

Primary Users

- Law Enforcement
- Utilities
- Wildland Fire
- Disaster Recovery
- Private Security
- Oil and Gas
- Schools and Universities

Specifications

- Power: 10.8-16.3 VDC, Idle: 0.5 A, Transmit: 4.8 A
- Operating Temperature: -20°F to 140°F (-30°C to 60°C)
- Ports: 1x 10/100/1000 Ethernet, 1x 10/100 Ethernet, 1x BNC Antenna, 1x Control Head, 2x Power Input
- VHF Model: 136-174 MHz, 1-25 W
- UHF Low Model: 400-480 MHz, 1-25 W
- UHF High Model: 440-520 MHz, 1-25 W
- Channel Width: 12.5 kHz
- Maximum Channels: 1500
- Control Head: Dash Mount or Handheld
- Network: IPv4 and/or IPv6, 10 kbps minimum
- Height: 3.5 in (89 mm), Width: 9.0 in (229 mm), Depth: 6.25 in (159 mm), Weight: 4.5 lbs (2.0 kg)
- Compliance: FCC, IC, ANZ, EU

