

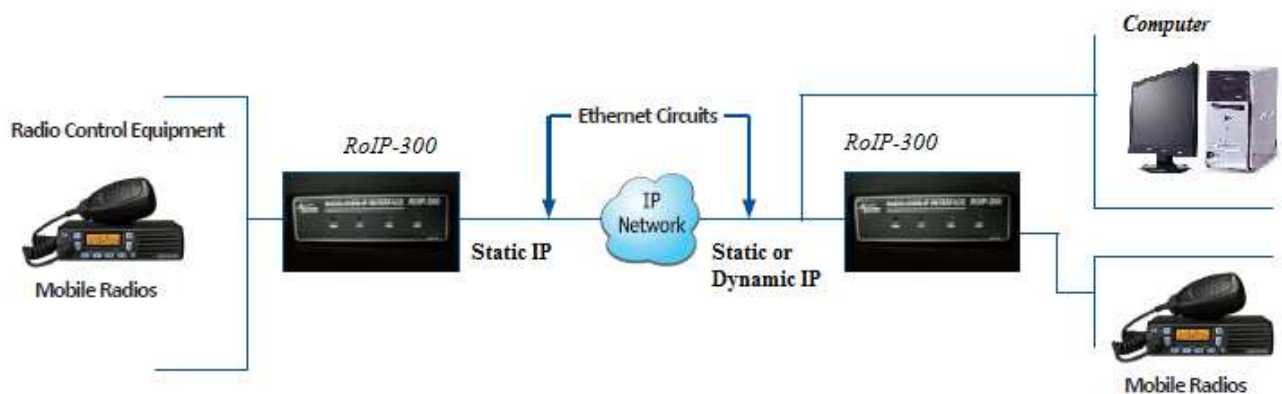
Radio Over IP Gateway

ROIP-300

Features and Specifications

Radio over Internet Protocol uses standard VoIP techniques to transfer the analog audio, used by Land Mobile Radio Systems, digitally over the LAN

(or Internet). In addition to voice, RoIP also transfers signals that are specific to LMR applications, such as PTT and COR Control lines. VoIP gets priority over other network traffic. Thus, priority queuing support prioritizes IP voice traffic (over data) to help preserve voice quality even when the network traffic is heavy. Multiple PC consoles can be operated without the high cost of installing fixed consoles.



Radio over IP Gateway using Model ROIP-300

SPECIFICATIONS

Network Requirements

- Device Payload: *1kbps idle, 64kbps active.*
- Network Loading: *Minimum 100kbps Network Bandwidth*
- Packet Loss: *<1%*
- Packet Delay: *<400ms*
- Network Type: *Fully switched Ethernet, full duplex.*

General

- Dimensions: *1.75 x 5.9 x 4.3 inches (H x W x D)*
- Weight: *360g*
- Operation Temperature Range: *0 to 55 Celsius*
- Power: *12V DC, 500mA*
- Network Connection: *10 Base-T Ethernet connection using RJ-45*

OTHER FEATURES

- Wide Area Network Connectivity.
- Remote PC connectivity to a known radio channel.
- User Programmable IP Configuration.
- Flexible Port Address Configurability.
- Secured Communication by using Authentication Packets.
- Connection between Static IP Network and a Static/Dynamic IP Network.
- Alert Sound Indicator on Radio if connection with other radio interface is lost.

**TECHNICAL SPECIFICATIONS ARE SUBJECT TO CHANGE
WITHOUT OBLIGATION OR NOTICE**