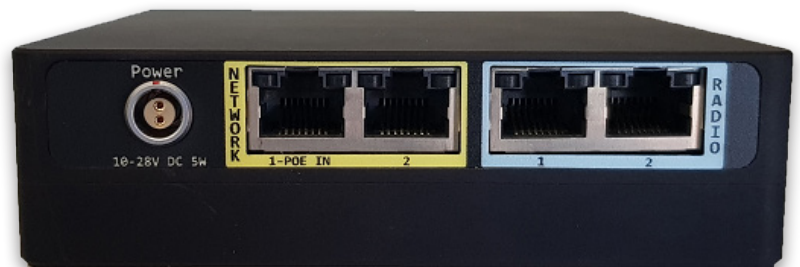




# GV1-2020



The GV1-2020 Two Port Radio Gateway is designed for deployable communications in mission critical environments. Connect two disparate voice networks and extend those networks back into the enterprise, all in a single deployable chassis. The simple handset can control, communicate and configure the GV1-2020 in the palm of your hand. With different connector options available, the GV1-2020 can be deployed into any environment communications integration is required.



GV1-2010



GV1-2020



GV1-2040 Desktop

# Specifications

## Physical Specifications

- 118 x 127 x 35mm (W x L x H)
- Weight: > 550g

## Electrical Specifications

- 10 - 28 VDC, 802.3af PoE
- Power consumption: < 3 Watts

## Construction

- Integrated aluminum chassis
- Connector and Handset options available

## Operating Temperature

- -20°C to 65°C

## System Management

- Central or Local Management
  - Web
  - Telnet (Base Configuration) Serial (Base Configuration)

## IP Configuration

- IP Address allocation Static/ Dynamic
- Network Monitoring Support SNMP V2
- Network Time Protocol Support SNTP
- Adjustable MTU Support (VPN)

## CODECS Including

- G.711, G.729, ILBC, Speex, SILK, OPUS, AMR
- Dynamic Payload Selection

## E&M

- Frequency response selectable for 300 Hz to 3.4 KHz
- Tx Audio
- Rx Audio
- Press to Talk (PTT)
- Squelch (SQL)

## Ports

- 1 x OLED or Mil Handset port option
- 1 x Console Management port
- 2 x 10/100/1000 Ethernet switch ports
- 2 x E&M Radio ports

## E&M Radio Port

- 4 Wire E&M 600 Ohm
- Half / Full Duplex
- Radio PTT Trigger Options:
  - Packet / Voice
- PTT Signal Support (Optically Coupled) Relay
  - Isolated (Close Circuit)
- COR Signal Support (Optically Coupled)
  - Close Circuit
  - DC Switched
  - VAD
- Audio Level Management
  - AGC
  - Configurable input gain (dB)
  - Configurable output gain (dB)
- Audio Input Range (Transformer Coupled)
  - -60 to +0 dBm (600 Ohm)
- Audio Output Range (Transformer Coupled)
  - -60 to +0 dBm (600 Ohm)
- SIP Channel Connection Options
  - Call on load
  - Call on activity

## Handset port (UIC 600B)

- Digitally Controlled Handset Support
- PTT / PTT Latch
- Volume Controls
- Talkgroup Selection
- System Information Display
- Multiple TalkGroup Monitor
- Man Down Feature

## Indicators

- Handset PTT
- Network Activity
- Radio Port PTT/COR

## IP RTP Channel Options

- RTP Channel Support
  - Multicast
  - Unicast (RTP/SRTP)
  - SIP (Secure / Non Secure)
- RTP Channel Options
  - QoS
  - Codec
  - RTP Payload Size



1. PTT Button
2. PTT Latch
3. Volume Up / Down
4. OLED Screen
5. Talkgroup Up / Down
6. 2 Watt Front Facing Speaker
7. Backlight Keypad
8. Heavy Duty Curly Cord