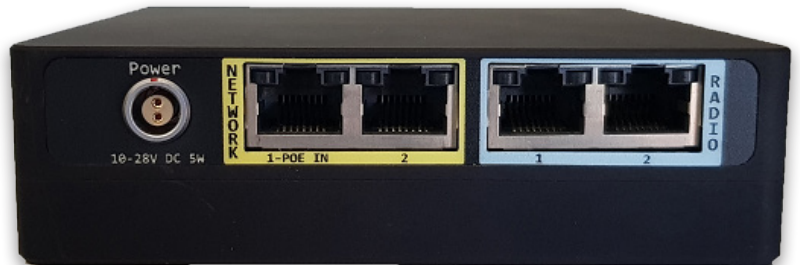# GV1-2020

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 (Http/Https)
  - Telnet (Base Configuration)
  - Serial (Base Configuration)
- Remote Management

IP Configuration
- IP Address allocation Static/ Dynamic
- Network Monitoring Support SNMP V2
- Network Time Protocol Support SNTP
- Syslog

CODECs Including
- G.711, G.729, ILBC, Speex, SILK,
- OPUS, AMR, MELPe
- 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 × OLED or Mil Handset port option
- 1 × Console Management port
- 2 × 10/100/1000 Ethernet switch ports
- 2 × E&M Radio ports

E&M Radio Port
- 4 Wire E&M 600 Ohm
- Half / Full Duplex
- Transmit/Revive Priority
- Radio PTT Trigger Options:
  - Packet / Voice
- PTT Signal Support (Optically Coupled)
- COR Signal Support (Optically Coupled)
- Audio Level Management
  - AGC or Fixed Gain

Certifications
- FCC Part 15B, ICES-003, CISPR 32
- EN55032, EN61000-3-2, EN61000-3-3, EN55035

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 (RTP/SRTP)
  - Unicast (RTP/SRTP)
  - SIP (Secure / Non Secure)
- RTP Channel Options

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

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