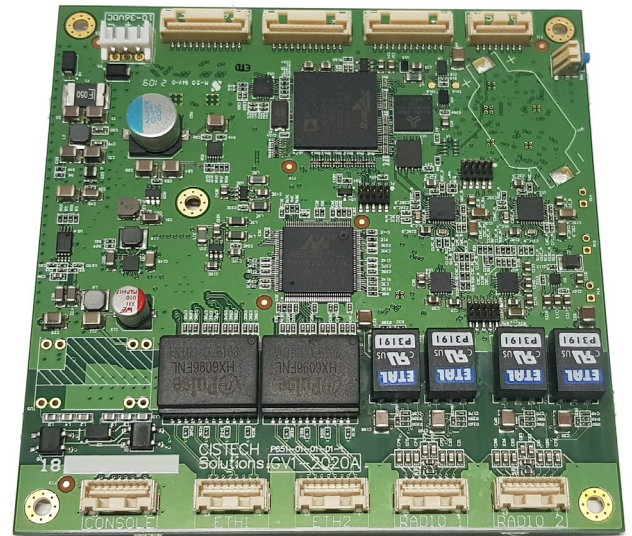




GV1-2020 EM Board

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 CISTECH Solutions engineering team designed the GV1-2020 EM board to provide the full capabilities of the GV1-2020 in a smaller, lighter package, able to be integrated into your products seamlessly. The GV1-2020 EM board has an ultra-low power requirement, typically less than 2 Watts consumption, designed for deployable battery powered environments.

Specifications

Physical Specifications

- 110 x 110 x 12mm (W x L x H)
- Weight: 90g

Electrical Specifications

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

Construction

- 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 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
- Transmit/Receive 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 Options

- MIL-STD H-250 Handset
- RSM (5V)
- UIC600

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

