GV1-2040 DESKTOP

Communications integration has never been better. Leveraging off the power of the ever popular GV1-2010, the GV1-2040 Desktop brings increased capacity in an industrial design.

This latest edition to the RoIP gateway suite brings with it the same simplified management interface, increased port capacity with up to 4 Radio interface ports, and a simplified handset that can be used to control and communicate with any of the configured radio or network participants. Additionally, network connectivity is through one of two Ethernet ports configured as a 2 port switch.

Using high-grade components, conduction cooling and extended operating temperature range, the GV1 is optimised for operation in harsh environments that require TCP/IP, VoIP and analogue Voice integration.

The GV1-2040 Desktop is a core component of our Integrated Serverless Voice Solution, and whether you're after a single radio network being integrated into an IP system, or multiple radios being integrated for interoperability, the low power and rugged nature of the GV1-2040 Desktop ensures that your mission is a success.

Specifications

Physical Specifications
- 214 x 163 x 24mm (W x L x H)
- Weight: 975g

Electrical Specifications
- 12 – 28 VDC Input for operation
- Power consumption: < 3 Watts

Construction
- Integrated aluminum chassis

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
- 2 × Ethernet RJ-45
- 1 × Console RJ-45 Management port
- 4 × E&M RJ-45 radio ports
- 1 × RJ-45 Handset connector

LMR 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

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. Programmable Buttons
7. 2 Watt Front Facing Speaker
8. Backlight Keypad
9. Heavy Duty Curly Cord

CISTECH SOLUTIONS

Phone 1300 300 340
Email sales@cistechsolutions.com
Web www.cistechsolutions.com

Certified System
Quality
ISO 9001
SAI GLOBAL