



Enterprise Line Access Gateway



The Ribbon Communications' G5 Line Access Gateway provides high-density analog line support, with 768 stations supported from a 10U rack mounted chassis. The G5 is a SIP media gateway, making it an efficient analog station solution for Unified Communications across multiple platforms, including those from Cisco, Microsoft, and more. Enterprises with high-density analog station needs can use the G5 to drive analog stations across a number of use cases, including patient, guest, and dormitory rooms, as well as emergency phones and other ring down circuits. The G5 is a carrier grade media gateway, and supports long loop lengths (25kft), and deployment in indoor and hardened container outdoor environments with a market leading low power consumption profile.

The G5 supports multi-hosting, and can be deployed with an optional emergency stand-alone capability for carrier-grade reliability. G5 along with Ribbon SBC portfolio enables secure communications interoperability with Microsoft Teams & Skype for Business. Ribbon boasts the largest portfolio certified for Direct Routing for Microsoft Teams and Skype for Business Telephony.

G5 Chassis, Power, and Operating Specs

- Shelf Dimensions: 15.75in H (10U), 23in W, 12in D
- Ambient Operating Temperature -40C to +65C
- Operating relative humidity up to 90% (non-condensing)
- Hot Swappable Cards
- Dual redundant power feeds
- DC Power: -42.75V to -60V, 214 Watts @ 3ccs
- Power quality monitoring
- In-system temperature monitoring
- GR-513 Core
- ANSI T1.315-2001
- NEBS level-3 (GR-63 Core, GR-1089 Core)
- Dual 10/100/1000 Base T Network Feeds
- 32-pin Amphenol Connector Line Feeds

G5 Media Gateway Features and Capabilities

- 768 POTS lines/chassis
- Full CO POTS serving length (1930 Ohm)
- Field upgradeable software
- Modular expandability and upgradeability
- Fault tolerant software architecture
- SIP (RFC 3261)
- Emergency Stand-alone service
- DSCP
- SNMP
- REST API or TL-1 Interface for Provisioning
- Automatic network clock synchronization
- JiTC certified for DoD, including MLPP
- G.711, G.729A, G.729AB (10, 20, 30 ms packetization), RFC2833/4733



Analog Station Features

- Account Code First
- Advanced Screening
- Anonymous Call Rejection
- Call Forward w Variants
- Call Grabber
- Call Park
- Call Return
- Caller ID
- Calling Name Display
- Deny All Calls
- Do Not Disturb
- Hot Line
- Intercom Orig/Term
- Last Number Redial
- Malicious Call Trace
- Meet Me Conferencing
- Three Way Calling
- Music on Hold
- Call Waiting
- Originating ID Restriction
- Ring Down
- Analog Station Features
- Selective Call Rejection
- Short Dialing Code
- Speed Dial
- Teen Service
- Voicemail Message Waiting

Contact Us We are here to help. Let us know if you are interested in a quote or if you have any questions.

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