

Digium G800 8 T1/E1/PRI port Gateway



Product Name: Digium G800 8 T1/E1/PRI port Gateway

Manufacturer: Digium

Model Number: 1G802F

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The Digium G800 is a VoIP gateway with a higher density 8 port appliance designed to connect legacy voice technologies (T1/E1/PRI) to VoIP as well as transcoding SIP protocols between VoIP devices and/or service providers.

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- 8 port T1/E1/PRI
- Easy-to-navigate GUI
- Intelligent call routing
- Fax and modem support
- No moving parts Remote configuration and software download
- Cost-effective low power consumption
- Octasic® DSP processor

Digium G800 8 T1/E1/PRI port Gateway - Technical Specifications

Call Management Features

- Automatic Call Type Detection:
- Voice/Modem/Fax
- Answer and Disconnect Supervision
- Trunk Group Support
- Dial Plan Support • Call Routing Rules• Call Routing Groups
- Pass Through Support for calls to toll free, local and emergency services numbers
- Automatic appending and stripping of digits to dialed numbers
- Caller ID name and number support
- Fax and Modem support

Physical Interface

- Single (G100 & G200) or Dual (G400 & G800)
- RJ45 Ethernet connectors
- Single, Dual, Quad or Octal T1/E1/PRI(RJ45 connectors)
- Internal Universal Power Supply for 100 – 240 VAC
- USB Port for System Reload/Recovery

IP Networking

- 10/100/1000Base-T Ethernet
- 802.1Q VLAN Tagging

IP Telephony

- SIP (Support for multiple SIP endpoints)
- Audio Codecs• G.711 (Coding Support for A-law and µ-law) • G.722 • G.729• GSM-FR • G.726

Auto Codec Negotiation

- Fax and Modem Support (T.38 and G.711)

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T1 Signalling

- PRI Signaling protocols: • National ISDN-1 • National ISDN-2 • 4ESS (AT&T) • 5ESS (Lucent) • DMS100 (Nortel) • Q.SIG

T1 CAS

- E&M • E&M Wink • Feature-Group-D (DTMF, MF) • FXS Loop Start with Forward Battery Disconnect • FXS Loop Start • FXS Ground Start • FXO Loop Start with Battery
- Disconnect Supervision • FXO Loop Start • FXO Ground Start

E1

- PRI (EuroISDN or Q.SIG)

DTMF Signaling via RFC 2833 Echo Cancellation (G.168)

- 128ms tail length
- 1024 taps

Configuration/Management:

- Admin setup options: • Web server
- Remote setup: • HTTP • HTTPS • DHCP w/ Option 66
- Configuration Backup and Restore

Configuration Backup and Restore

- Security Protocols: • HTTPS • Access Control List (ACL)

Troubleshooting Tools

- Reporting Tools
- Advanced Debugging Tools (SIP, PRI, RTP)
- Diagnostics (System, Connections, Digium Support Lifeline)
- T1 Loopback
- Syslog

Specifications

- Size: 8.6" x 9.0" x 1.72" (21.84 x 22.86 x 4.37cm)
- Weight: 2lb 12oz (1.7kg)
- Style: Wall and rack mount

Environment

- Temperature: 0 to 50° C (32 to 122° F) operation-20 to 70° C (4 to 158° F) storage
- Humidity: 0 to 90% non-condensing

Power Requirements

- Voltage: 100-240v AC
- Frequency: 47-63 Hz

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- Current: 65mA @ 120V, 33mA @ 240V

Configuration Backup and Restore

- Safety/Telecom:
 - US/CSA 60950 • FCC Part 68, ANSI/TIA-968-A
 - IC CS03 • CE Mark (European Union)
 - IEC 60950 • EN 60950 • AS/NZ 60950
- EMC:
 - FCC Part 15 Class A • EN55022/CISPR22 Class A
 - EN55024 • EN61000

Environmental

- 2002/95/EC Restrictions on Hazardous Substances (RoHS), 2005/747/EC
- Lead free exemption (Annex C)

Price: £3,201.00
