Digium G800 8 T1/E1/PRI port Gateway

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

Manufacturer: -

Model Number: 1G802F

Please Note: This product has been discontinued. Please see the Digium VoIP Gateways for an alternative.

Digium G800 8 T1/E1/PRI port Gateway
The Digium G800 is a VoIP gateway withh 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.
Digium G800 8 T1/E1/PRI port Gateway

ï¿½ 8 port T1/E1/PRI
ï¿½ Easy-to-navigate GUI
ï¿½ Intelligent call routing
ï¿½ Fax and modem support
ï¿½ No moving parts Remote configuration and software download
ï¿½ Cost-effective low power consumption
ï¿½ Octasic® DSP processor

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

ï¿½ Automatic Call Type Detection:
ï¿½ Voice/Modem/Fax
ï¿½ Answer and Disconnect Supervision
ï¿½ Trunk Group Support
ï¿½ Dial Plan Support • Call Routing Rules• Call Routing Groups
ï¿½ Pass Through Support for calls to toll free, local and emergency services numbers
ï¿½ Automatic appending and stripping ofdigits to dialed numbers
ï¿½ Caller ID name and number support
ï¿½ Fax and Modem support

Physical Interface

ï¿½ Single (G100 & G200) or Dual (G400 & G800)
ï¿½ RJ45 Ethernet connectors
ï¿½ Single, Dual, Quad or Octal T1/E1/PRI(RJ45 connectors)
ï¿½ Internal Universal Power Supply for 100 – 240 VAC
ï¿½ USB Port for System Reload/Recovery

IP Networking

ï¿½ 10/100/1000Base-T Ethernet
ï¿½ 802.1Q VLAN Tagging

IP Telephony

ï¿½ SIP (Support for multiple SIP endpoints)
ï¿½ Audio Codecs• G.711 (Coding Support for A-law and µ-law) • G.722 • G.729• GSM-FR • G.726

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Auto Codec Negotiation

ï¿½ Fax and Modem Support (T.38 and G.711)

T1 Signalling

ï¿½ PRI Signaling protocols: • National ISDN-1 • National ISDN-2• 4ESS (AT&T) • 5ESS (Lucent)• DMS100 (Nortel) • Q.SIG

T1 CAS

ï¿½ 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
ï¿½ Disconnect Supervision• FXO Loop Start • FXO Ground Start

E1

ï¿½ PRI (EuroISDN or Q.SIG)

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

ï¿½ 128ms tail length
ï¿½ 1024 taps

Configuration/Management:

ï¿½ Admin setup options: • Web server
ï¿½ Remote setup: • HTTP • HTTPS• DHCP w/ Option 66
ï¿½ Configuration Backup and Restore

Configuration Backup and Restore

ï¿½ Security Protocols: • HTTPS • Access Control List (ACL)

Troubleshooting Tools

ï¿½ Reporting Tools
ï¿½ Advanced Debugging Tools (SIP, PRI, RTP)
ï¿½ Diagnostics (System, Connections,Digium Support Lifeline)
ï¿½ T1 Loopback
ï¿½ Syslog

Specifications

ï¿½ Size: 8.6" x 9.0" x 1.72" (21.84 x 22.86 x 4.37cm)
ï¿½ Weight: 2lb 12oz (1.7kg)
ï¿½ Style: Wall and rack mount

Environment

ï¿½ Temperature: 0 to 50° C (32 to 122° F) operation-20 to 70° C (4 to 158° F) storage
ï¿½ Humidity: 0 to 90% non-condensing

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Power Requirements

ï¿½ Voltage: 100-240v AC
ï¿½ Frequency: 47-63 Hz
ï¿½ Current: 65mA @ 120V, 33mA @ 240V

Configuration Backup and Restore

ï¿½ Safety/Telecom:
ï¿½ US/CSA 60950 • FCC Part 68, ANSI/TIA-968-A
ï¿½ IC CS03 • CE Mark (European Union)
ï¿½ IEC 60950 • EN 60950 • AS/NZ 60950
ï¿½ EMC:
ï¿½ FCC Part 15 Class A • EN55022/CISPR22 Class A
ï¿½ EN55024 • EN61000

Environmental

ï¿½ 2002/95/EC Restrictions on Hazardous
ï¿½ Substances (RoHS), 2005/747/EC
ï¿½ Lead free exemption (Annex C)

Price: £3,242.70