



DVG-5004S VoIP Station Gateway

The DVG5004S/F2 VoIP station gateways present an ideal Internet telephone solution for business use. These gateways convert voice traffic into data packets for transmission over the Internet, combine the industry's latest Voice over the IP network technology with advanced communication features, and are fully compatible with SIP Internet phone services. Designed as cost-efficient devices, they provide convenience and great savings for companies needing to place frequent long-distance and international business calls

Key Features

- Four high-density FXS ports
- Ideal for business phones/fax connection
- Compatible with SIP services
- Guaranteed toll-quality voice even on busy networks
- Call hold, wait, forward, and transfer
- Easy tracking with call detail record
- Greeting message
- Caller ID
- One 10/100 /1000 Mbps Ethernet WAN Port
- One 10/100 /1000 Mbps Ethernet LAN Port
- WAN connection supports PPPoE, DHCP Client
- Easy configuration by IVR or web-based GUI
- Web-based firmware upgrade
- TR069 and SNMP

Physical Interfaces

Capacity

4 FXS, RJ11

Ethernet Interfaces:

1* WAN, 10/100/1000Mbps, RJ-45

1* LAN, 10/100/1000Mbps, RJ-45

Voice & FAX

G.711A/U law

Silence Suppression

Comfort Noise Generation(CNG)

Voice Activity Detection(VAD)

Echo Cancellation(G.168), with up to 128ms

Adaptive (Dynamic) Jitter Buffer

Hook Flash

Programmable Gain Control

T.38/Pass-through

High speed fax up to 14.4kbps

Modem/POS

DTMF mode: Signal/RFC2833/INBAND

VLAN 802.1P/802.1Q
(Voice/data/management VLANs)

Layer3 QoS and DiffServ

Supplement Service

Call Waiting

Blind Transfer

Attend Transfer

Call Forward on Busy

Call Forward on No Reply

Unconditional Call Forward

Warm/Immediately Hotline

Call Hold

Do-not-disturb

3-Way Conference

Message Waiting Indicator

Speed Dial

FXS

Connector: RJ11

Dial Mode: DTMF and Pulse

Pulse: 10 and 20 PPS

Caller ID: DTMF/FSK CLI Presentation

Max Cable Length: 3KM

Reversed Polarity

Programmable Call Progress Tone

Software Features

Hunting Group

Web ACL

Telnet ACL

Action URL

PPPoE/IPv4/IPv6/Dual Stack

OpenVPN

Digitmap

Routing Rules based Prefixes

Caller/Called Number Manipulation

Maintenance

SNMP v1/v2/v3

TR069, TR181

Auto Provisioning

Web/Telnet

Configuration Backup/Restore

Firmware Upgrade via Web

CDR

Syslog(Emerg,alert, critical,error
warning,notice,info, debug)

Ping/Tracert Test

Network Capture

Outward Test(GR909)

NTP/Daylight Saving Time

IVR local Maintenance

VoIP

Protocol:

SIP v2.0 (UDP/TCP),RFC3261,

SDP(RFC2327),RTP(RFC2833),

RFC3262,3263,3264,3265,3515,2976,

3311,ETC (3GPP TS24.629), 3891,3892

SIP over TLS

RTP/SRTP/RTCP, RFC2198, 1889

RFC4028 Session Timer

RFC3266 IPv6 in SDP

RFC2806 TEL URI

RFC3581 NAT,rport

Primary/backup SIP server

Outbound Proxy

DNS SRV/ A Query/NATPR Query

SIP Trunk

Early Media/Early Answer

NAT:STUN, Static/Dynamic NAT

Power Adapter

Input: 100 to 240 V AC, 50/60 Hz

Output: 12 V, 1 A

Power consumption: 5W(Typical)

Dimensions

■ 194*110*28mm

Unit Weight: 0.3kg

Operating Temperature

■ 0 °C ~45 °C

Storage Temperature

■ -20 °C ~80 °C

Operating Humidity

■ 10% to 90% non-condensing

Certifications

■ FCC Class B

■ CE Class B

■ CE LVD