

**DVG-6004G**

## DVG-6004G GSM/CDMA VoIP Gateway

### SAVE COST

Save money by using Internet Phone Service, integrates well with known ITSPs, connect to your office on the Go

### MODULAR & SCALABLE

Expand your existing analog telephony infrastructure, supports modular analog interface & features SIPtrunk.

### SIMPLE INTEGRATION

Provides user-friendly administration interface.

### OVERVIEW

The D-Link DVG-6004G series GSM/CDMA VoIP Gateway is a multi-functional product with built-in antenna power divider for space saving and easier installation and maintenance, used to effectively implement the smooth transition between mobile and VoIP network.

### KEY BENEFITS

- 4 GSM/CDMA Channels
- GSM: Quad-band 850/900/1800/1900MHz
- CDMA: 800MHz
- PSTN and VoIP Hotline
- Up to 4 Concurrent Calls
- Flexible Dial Rules and Manipulation Rules
- SMS Sending and Receiving
- USSD, open API for SMS/USSD
- BCCH
- Carrier Selection
- PIN Code Management

### PHYSICAL PROPERTIES

- Power Supply  
Input: 100-240V, 50-60Hz  
Output: DC12V 4.0A
- Power Consumption:  
DVG-6004G: 25w
- Temperature (Operation): 0 °C~45 °C  
(Storage): -20 °C~80 °C
- Operation Humidity: 10%-90%  
No Condensation
- Dimension(W/D/H): 250\*156\*32.5mm
- Weight: 1.069kg
- Package Weight: 2.05kg

### MAINTAIN & UPGRADE

- Web Based Configuration
- Telnet Configuration
- Configure Backup/Restore
- Support English and Chinese language
- Firmware upgrade by HTTP/TFTP
- Web & Telnet Login Password Modify
- Factory Reset
- CDR (10000 Lines CDRs Storage Locally)
- Output CDR via Syslog
- Syslog
- Ping and Tracert Test
- Traffic statistics: TCP,UDP,RTP
- VoIP Call Statistics
- PSTN Call statistics: ASR,ACD,PDD
- Voice Dialogist with Loopback
- IVR Customization
- System Logs

### VOICE CAPABILITY

- G.711A/U law, G.723.1, G.729A/B
- Silence Suppression & Detection
- Comfort Noise Generation (CNG)
- Voice Activity Detection (VAD)
- Echo Cancellation (G.168)
- Adaptive (Dynamic) Jitter Buffer
- Call Progress Tone Generation
- Programmable Gain Control

### MOBILE FEATURE

- Frequency Range:  
GSM 850/900/1800/1900MHz
- CDMA: 800Mhz
- WCDMA:2100MHz(Optional)
- SMS/SMSC/USSD
- SMS Coding/Decoding:  
ASCII/UCS2
- Open API Protocol
- PIN Code Management
- Call Duration Limitation for SIM  
Card/Single Call
- Polarity Reversal (GSM)
- Answer Delay (CDMA)
- Carrier selection
- Caller ID Restriction for Outgoing  
Call
- BCCH Management
- Call Waiting
- Call Forwarding

### SIP CHARACTERS

- SIP V2.0 RFC3261
- SDP RFC2327
- Session Timer RFC4028
- RTP/RTCP RFC3551
- SIP Registration
- SIP Trunk ( Peer Mode)
- SIP Trunk Group
- Ringback (Immediately, Alerting)
- Configurable SIP Release Code
- DNS SRV/A Query
- Outbound Proxy
- DTMF Mode: Signal/RFC2833

### NETWORK PROTOCOL

- IP v4, UDP/TCP, PPPoE,  
DHCP, FTP/TFTP ARP,  
RARP, NTP
- VPN PPTP
- Encryption: RC4,MD5  
(Coming Soon)
- IP v6 (Coming Soon)
- HTTP, Telnet

### PHYSICAL INTERFACES

- SIM Card Slot: 4 Channels
- Ethernet Interface:  
2 LAN 10/100M Base-Tx RJ45
- Console: 1\* RS232 115200bps
- Antennas Connectors: SMA
- LED Indicators:  
PWR, RUN, Signal Strength, On/Off-hook •  
Reset Button
- SIM Card Installation  
Local SIM/Remote SIM with SIMBank