DVG-6001G GSM/WCDMA 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 SIP/IAX trunks.

SIMPLE INTEGRATION

Provides user-friendly administration interface.

OVERVIEW

The D-Link DVG-6001G GSM/WCDAM VoIP Gateway is a multi-functional product used to effectively implement the smooth transition between PLMN (GSM) and VoIP network. The GSM/WCDMA VoIP gateway is designed for comfort, ease-of-use to satisfied necessary of customers. It is not only inherits tradition of quality voice communication over IP network but reduce the human resource of VoIP network deployment. It's a cost-effective gateway for call termination (VoIP to GSM/WCDMA) and origination (GSM/WCDMA to VoIP). It is fully compatible with leading soft switch and SIP server.

KEY BENEFITS

- 1 GSM/WCDMA channel
- Embedded Operation system
- Carrier select
- GSM: Quad-band 850/900/1800/1900MHz
- PIN modified
- SMS sending and receiving
- PSTN and VoIP hotline
- USSD, open API for SMS
- WCDMA: 850/1900/2100MHz
- Flexible dial plan, digit map

MAINTAIN & UPGRADE

- Web based configuration
- Telnet configuration
- Configure backup/restore
- Firmware upgrade by TFTP
- Web & telnet login password modify
- Factory reset
- System log
- Ping and Tracer test on web
- Traffic statistics: TCP,UDP,RTP
- VoIP call statistics
- PSTN call statistics: ASR, ACD, PDD

NETWORK FEATURES

- Ethernet Interface: 2*10/100M Base-Tx RJ45
- Static IP, PPPoE, DHCP
- Network Protocol Support:
- IP, TCP, UDP, TFTP, FTP, RTP, RTCP, ARP, RARP, ICMP Ping, NTP, SNTP, Http, DNS
- NAT traversal: Static NAT, STUN
- Static/dynamic ARP request
- DSCP/ToS

VOICE PROCESSING

- 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 SPECIFICATIONS

- Frequency Range:
- GSM 850/900/1800/1900MHz
- WCDMA 850/1900/2100 MHz
- DTMF mode: Signal/RFC2833
- SMS/SMSC/USSD
- open API for SMS
- Call duration limitation
- One/two stage dial-up, hotline
- Polarity Reversal
- Custom IVR
- PIN modified
- Carrier select
- CLIR
- BCCH

FEATURE LIST

- SIP v2.0 RFC3261
- Outbound Proxy
- SIP register client
- IP trunk and IP trunk group
- SIP codes mapping
- Call Redirect
- Call waiting
- PSTN hotline
- VoIP hotline
- Password authentication for incoming and outgoing calls
- Auto provisioning
- Local/Remote Codecs
- Digit map

PACKING CONTENT

- Gateway
- RJ-45 Network cable
- Antenna
- User's Manual CD

PHYSICAL PROPERTIES

- Power: DC12V1A
- Temperature (operation): 0 ℃ ~ 45 ℃
- Temperature (storage): 20 ℃ ~ 80 ℃
- Operation Humidity: 10%-90% No Condensation
- Weight: 0.7kg