



## Giga Voip 4 and 8 Port GSM/CDMA Gateway



### Part Number

### Description

GN-VOIP-GSME-4G	Giga Voip 4 GSM Gateway (Desk Size for SMB, Call Center)
GN-VOIP-GSME-4G-M	Giga Voip 4 GSM Gateway (Desk Size for SMB, Call Center)
GN-VOIP-CDMA-4	Giga Voip 4 CDMA Gateway
GN-VOIP-GSME-8G	Giga Voip 8 GSM Gateway (Desk Size for SMB, Call Center)
GN-VOIP-GSME-8G-M	Giga Voip 8 GSM Gateway (Desk Size for SMB, Call Center)
GN-VOIP-CDMA-8	Giga Voip 8 CDMA Gateway

### Key Benefits

4/8 GSM/CDMA Channels

GSM: Quad-band 850/900/1800/1900MHz

CDMA: 800MHz

PSTN and VoIP Hotline

Up to 8 Concurrent Calls

Flexible Dial Rules and Manipulation Rules

SMS Sending and Receiving

USSD, Open API for SMS/USSD

BCCH

Carrier Selection

PIN Code Management

Remote SIM Card Management(SIMCloud)

### 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

### 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
- NAT Traversal  
Dynamic NAT, Static NAT, STUN

*The Gateway to the VoIP World*



## **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

## **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 Properties**

- Power Supply  
Input:100-240V,50-60Hz  
Output: DC12V 4.0A
- Power Consumption:  
DWG2000E-4G: 20w  
DWG2000E-8G: 25w
- Temperature(Operation): 0 °C ~ 45 °C  
(Storage): -20 °C ~80 °C

## **Physical Interfaces**

- SIM Card Slot: 4/8 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

## **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: