



GSM/CDMA/WCDMA VoIP Gateway **DW-GTW-GSM004**



DW-GTW-GSM008



DW-GTW-GSM004/008 series GSM/CDMA/WCDMA VoIP Gateway is a multi-functional product used to effectively implement the smooth transition between mobile and VoIP network.

DW-GTW-GSM004/008 has great improvement not only in software features but also in new hardware structure design. It is fully compatible with Denwa SIMCloud/SIMbank solution and easy to use. Moreover, with built-in 4-1 antenna power divider which is saving space and more easier to install

DW-GTW-GSM004/008

Systems Specifications

Key Features

- 4/8 GSM/CDMA/WCDMA Channels
- SMS Sending and Receiving
- GSM: Quad-band 850/900/1800/1900MHz
- USSD, Open API for SMS/USSD
- CDMA: 800MHz
- PSTN and VoIP Hotline
- WCDMA: 900/2100MHz
- BCCH
- Up to 8 Concurrent Calls
- PIN Code Management
- Flexible Dial Rules and Manipulation Rules
- 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

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

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

Mobile Feature

- Frequency Range:
 - GSM: 850/900/1800/1900MHz
 - CDMA: 800Mhz
 - WCDMA:900/2100MHz(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

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

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: DW-GTW-2000E-4G: 20w / DW-GTW-2000E-8G: 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