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.
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
- 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
- Temperature(Operation): 0°C - 45°C
- Temperature(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

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