MWG1000 Series

VoIP GSM Gateway for Cost Reduction

MWG1000 series is a VoIP GSM gateway for call termination (VoIP to GSM) and origination(GSM to VoIP). It can significantly reduce your company's call costs to mobile networks and It is compatible with a wide range of IP PBXs.

It is the best solution ever to connect IP-based telephone systems, and softswitches to GSM network; and also the best fallback solution when landline goes down.

MWG1004

MWG1002

Key Benefits:

●Flexible dial plan and Manipulation Rules

●Significant cost reduction

●Support SIP Trunk

●SIP server for IP phones included

●HTTP/HTTPS web server

●Easy set up via web interface

●GSM : Quad-band:850/900/1800/1900MHz

●2/4 GSM Channels

●SMS Sending and Receiving

●PIN Code Management

●Open API for SMS and USSD

●Call Duration Limitation

Voice Processing

- Voice: SIP signalling
- DTMF Mode: RFC2833, SIP INFO, In-band
- Voice Codecs: G.711 (alaw/ulaw), G.722,G.726, G.726aal2,G.729A, GSM, ADPCM, Speex, ilbc
- Echo Cancellation: ITU-T G.168 LEC
- Call Progress Tone Generation

Mobile Specifications

- Frequency: GSM 850/900/1800/1900MHz
- SMS Center
- SMS Sending and Receiving
- Send Bulk SMS
- USSD
- Programmable Gain Control
- Carrier selection
- PIN Code Management
- Call Waiting
- Call Forwarding
- Call Duration Limitation
- CLIR
- Port Group Manage
- Open API for SMS and USSD
- Balance Alarm(via SMS and Email)

Network Features

- Network Protocol: UDP, TCP, TFTP, HTTP, SSH,RTP,SRTP,ARP,NTP
- NAT Traversal: Static NAT, STUN
- HTTP/HTTPS web server
- AES encryption for configuration file
- Digest authentication using MD5
- Static Route
- OpenVPN
- VLAN
- QoS/ToS
- DDNS

SIP Characters

- Protocol: SIP, IAX2
- Support SIP Trunk
- SIP Trunk Group
- SIP Peer Mode
- SIP server for IP phones included
- SIP Response Code Switch
- Gsm-Sip Response Code Switch
- Session Timer
- 1 Stage/2 Stage Dial
- Transport: UDP, TCP, TLS, SRTP
- DTMF Mode: RFC2833, SIP INFO, In-band
- Open API Protocol

Maintain & Upgrade

- Web based configuration
- Configure backup/restore
- Firmware upgrade by Upload /TFTP
- Web login password modify
- Blacklist
- Packet Capture
- IVR Customization
- Text to Wav
- Call Detail Record (CDR)
- System Logs
- SMTP
- Factory reset,Reboot
- Ping

Physical Properties

- Power Supply: DC 12V, 3.0A (Input:AC100-240V,50-60Hz)
- Power Consumption:20W
- Temperature(Operation): 0 ℃ ~50 ℃ (Storage): -20 ℃ ~80 ℃
- Operation Humidity: 10%-90% No Condensation
- Dimension(W/D/H): 159*163*40mm