VS-GWM400W Datasheet

VS-GWM400W

There are three GSM Gateway models with VoxStack series GSM Gateway, the GWG1002, VS-GW1202-4/8G and VS-GW1600. There are 2 GSM channels in WGW1002. The Modular Design GSM Gateways are ranging from 4 up to 20 GSM channels, developed for interconnecting a wide selection of codecs, including G.711A, G.711U, G.729, G.722, G.726 & GSM, to the GSM cellular networks to quickly reduce telecommunication expenses and maximize cost-savings. With the unique design of the VoxStack Gateway, it can support hot-swap for both SIM cards and GSM gateway modules. Users can simply add or remove the modules for hardware expansion or exchange. Each GSM gateway module runs an independent asterisk system inside. The VoxStack gateway designs with two LAN Switch boards that provide stackability on the hardware upgrade. The GSM Gateways will be 100% compatible with asterisk, Elastix, trixbox, 3CX , FreeSWITCH SIP server and VOS VoIP operating platform.

VS-GWM400G module allows OpenVox wireless VS-GW1200/1600 series gateways to support GSM connection to the VoIP devices. Each module offers four GSM channels.

GWM400W

Parameter

- Size: 22cm × 2cm × 12cm
- Weight: 251g
- Storage Temperature Range: -20~70°C
- Operation Temperature Range: 0~40°C
- Power: 12W

- SIM Cards: Hot-Swap
- GWM400G Module: Hot-Swap
- Operation Humidity Range:10%~90% non-condensing

GSM Features

- Volume Adjustment
- CLID Display & Hide (Need operators' support)
- Frequency Range:

    UC15-E
    900/2100MHz@UMTS
    900/1800MHz@GSM
    UC15-A
    900/1900MHz@UMTS
    850/900/1800/1900MHz@GSM
    UC15-T
    900/2100MHz@UMTS
    850/900/1800/1900MHz@GSM

- Real Open API Protocol (based on Asterisk)
- Echo Cancellation (G.168)

- Gain Adjustment
- PIN Identification
- IMEI Number Automatically Modify
- Band Binding
- Call Transfer
- Polarity Reversal
- Adaptive (dynamic) Jitter Buffer
- Call Forwarding
- GSM Ports Group Management
- SMS Coding/Detecting Automatically Identification: ASCII/UCS2
- SMS Remotely Controlling Gateway
- Call Duration Limitation
- SMSC/SMS/USSD
- SMS Bulk Transceiver, Sent to Email and Automatically Resent

SIP Characters

- Add, Modify & Delete SIP Trunk
- SIP Registration with Domain
- SIP V2.0 RFC3261
- SDP RFC2327
- Session Timer RFC4028
- RTP/RTCP RFC3551
- DNS SRV/A Query

- Combine Different SIP Trunks into Group
- Multiple SIP Registrations: Anonymous, Endpoint registers with this gateway (work as a SIP Sever), This gateway registers with the endpoint.
- DTMF Mode: RFC2833/Inband/Info
- SIP, IAX, TCP, UDP, RTP, TELNET, HTTP, SMTP, POP3

7*24 Technical Support

Any Way You Like

Network

- IPv4,IPv6(Coming soon),UDP/TCP, PPPoE, DHCP, TFTP
- IPv6 (Coming soon)

- HTTP/SSH (Optical Telnet)
- Ping & Traceroute Command on the Web
- Two Types of IP Access

System Features

- Abundant Codecs : G.711A, G.711U, G.729, G.722, G.723, G.726, GSM
- Simple and convenient configuration via Web GUI
- Firmware Update by HTTP
- Automatically Reboot
- Extensible Automatic Callback and Speed Dial
- Without Physical Serial (Provide Virtual Serial via TCP/IP Protocol)

- Language Selection (Chinese/English)
- Multiple Detailed LOG Output
- Call Status Display
- PDD/ACD/ASR/BER Display
- CDR (More than 200,000 Lines CDRs Storage Locally)
- Restore Factory Settings
- Customizable IVR/DISA
- High Equipment Materials Specifications, Suitable for Long Distance Transportation

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