DWG 2000B-16G GSM VoIP Gateway

OVERVIEW

Dinstar DWG2000B-16G GSM VoIP Gateway is a multi-functional product used to effectively implement the smooth transition between PLMN (GSM) and VoIP network. The GSM/CDMA VoIP gateway is designed for comfort, ease-of-use to satisfied necessary of customers. It is not only inherits tradition of quality voice communication over IP network but reduce the human resource of VoIP network deployment. It's a cost-effective gateway for call termination (VoIP to GSM) and origination (GSM/CDMA to VoIP). It is fully compatible with leading soft switch and SIP server.

Product pictures

Key benefits

16 GSM channels	SMS sending and receiving
LINUX platform	PSTN and VoIP hotline
Carrier select	USSD, open API for SMS
GSM: Quad-band 850/900/1800/1900MHz	Up to 16 concurrent calls
PIN modified	Flexible dial plan, digit map

The Gateway to VoIP World

Decade focused

Creates the high-quality goods

Voice

•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 Characteristics

•By port registration

•By device registration(share account)

•Support IP trunk and IP trunk group

•Two 183 mode

•Response code switch

•All ports busy, redirected to other device

Mobile Specifications

•**Frequency Range**: GSM 850/900/1800/1900MHz

•**DTMF mode**: Signal/RFC2833

•SMS/SMSC/USSD

•Provide API interface

•Call duration limitation

•One/two stage dial-up, Hotline

•Polarity Reversal

•Custom IVR

•PIN modified

•Carrier select

•CLIR

•BCCH

The Gateway to VoIP World

Customer first

Services more intimately

Maintain & Upgrade

- Web based configuration
- Telnet configuration
- Configure backup/restore
- Support English and China language
- Firmware upgrade by TFTP
- Web & telnet login password modify
- Factory reset
- Output CDR/Tracking news by syslog
- Ping and Tracer test on web
- Traffic statistics: TCP,UDP,RTP
- VoIP call statistics
- PSTN call statistics: ASR,ACD,PDD

Network Features

- SIM card slot: 16 GSM channels
- Ethernet Interface: 1 LAN*10/100M Base-Tx RJ45
- Manage Interface: 1 Console RFC2833
- Static IP, PPPoE, DHCP
- Network Protocol Support:
- IP,TCP, UDP,TFTP, FTP, RTP, RTCP, ARP,RARP,ICMP Ping, NTP, SNTP, Http, DNS
- NAT traversal: Static NAT, STUN
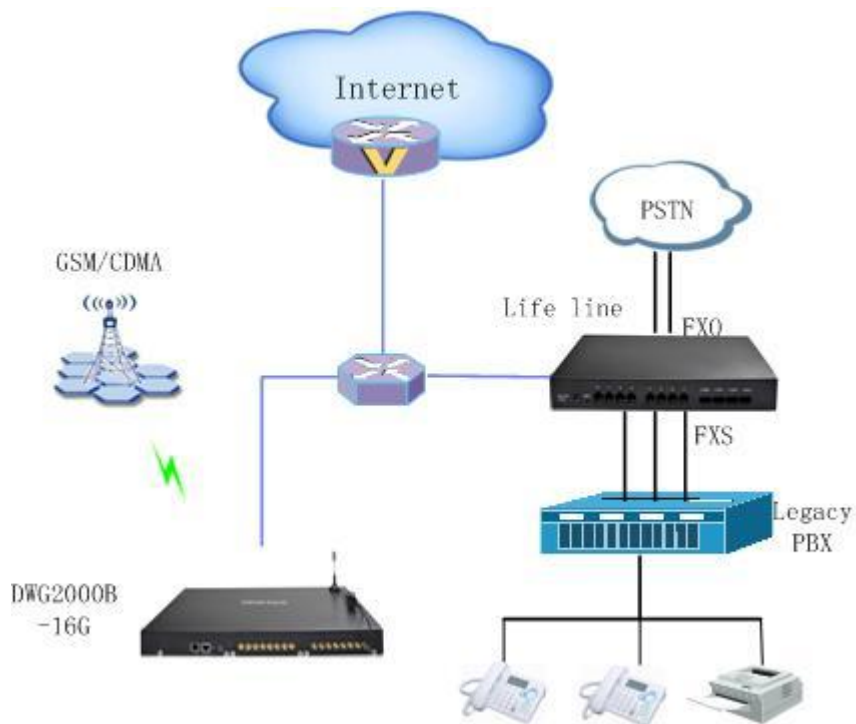- Static/dynamic ARP request
- Up to 32 routing
- VLAN

Physical properties

- Power: 220 VAC
- Temperature(operation): 0 ℃ ~ 45 ℃
-              (storage): -20 ℃ ~80 ℃
- Operation Humidity: 10%-90%
- no condensation
- Dimension(w/D/H): 440*307*44.5mm
- Weight: 4.2kg

Packing Content

- Gateway
- RJ-45 Network cable
- Antenna
- User's Manual CD

The Gateway to VoIP World

System Application

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