DWG2000C-4/8G GSM Gateway

OVERVIEW

Dinstar DWG2000C-4/8G GSM VoIP Gateway is a multi-functional product used to effectively implement the smooth transition between PLMN (GSM) and VoIP network. It's sea blue small appearance, beautiful and practical, easy-of-use to satisfied necessary of customers. It's a cost-effective gateway for call termination (VoIP to GSM) and origination (GSM to VoIP). It is fully compatible with leading Soft-switch and SIP server.

Product pictures

Key benefits

4/8GSM 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 8 concurrent calls
PIN modified	Flexible dial plan, digit map

Decade focused

Creates the high-quality goods

Voice & Fax

- 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

Mobile Feature

- 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

SIP parameters

- 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

Network Feature

- SIM card slot: 4/8 GSM channels
- Ethernet Interface: 1 LAN*10/100M Base-Tx RJ45
- Manage Interface: 1 Console
- 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

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

Physical properties

- Power: input:100-240V,50-60Hz,1.1A Max,   output:12VDC,4.0A
- Power consumption:4G: 15w; 8G: 25w
- Temperature(operation): 0 ℃ ～ 45 ℃ (storage): -20 ℃ ~80 ℃
- Operation Humidity: 10%-90% no condensation
- Dimension(w/D/H): 255*220*30mm
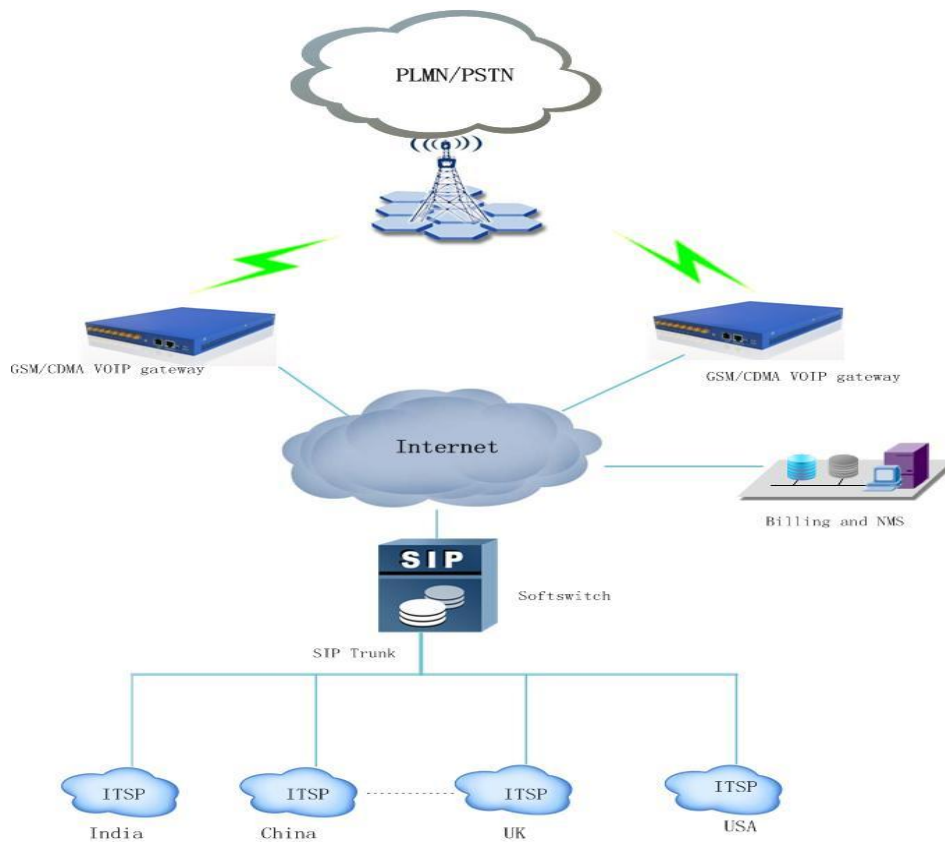- Weight: 1.48kg
- Color & material: blue, aluminum box

Packing Content

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

System Application

![DINSTAR logo]

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The Gateway to VoIP World