

UC2000-VA GSM VoIP Gateway

Overview

Dinstar UC2000-VA is a single channel GSM VoIP Gateway used to smoothly transit between mobile and VoIP networks, for transmission of voice and SMS both. Integrated GSM connectivity and SIP protocol compatible with mainstream VoIP platforms, it is suitable for enterprises, multi-site organizations, call terminators and areas with limited landline like rural area to cut down telephony costs and enable easy & efficient communications.

Pictures



Front



Back

Key Features

- 1 GSM channels
- Carrier Auto/Manual Selection
- BCCH Management
- GSM: 850/900/1800/1900MHz
- PIN/IMEI Management
- SMS Send and Receive
- PSTN and VoIP Hotline
- Open API
- White/Blacklist
- Easy to Use and Installation

Voice Processing

Protocol: SIP v2.0, RFC3261
Codecs: G.711A/U law, G.723.1, G.729A/B
Silence Suppression
Comfort Noise Generator(CNG)
Voice Activity Detection(VAD)
Echo Cancellation: G.168 with up to 128ms
Dynamic Jitter Buffer
DTMF: RFC2833, SIP Info
Call Progress Tone Generation
Programmable Gain Control
NAT Traversal: STUN, Static/ Dynamic NAT

Maintenance

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 (5000 Lines CDRs Storage Locally)
Output CDR via Syslog
Syslog
Ping and Tracert
Traffic statistics: TCP,UDP,RTP
VoIP Call Statistics
PSTN Call statistics: ASR,ACD,PDD
Voice Dialogist with Loopback
IVR Customization
System Logs

Software Features

Calling Type:
Mobile to VoIP, VoIP to Mobile
SIP Trunk and Trunk Group
Up to 32 Caller / Called Number / Manipulation Rules
SIP Codes Mapping
White / Blacklist
Call Waiting
Callback
PSTN Hotline
VoIP Hotline
Password authentication for incoming and outgoing calls
Auto provisioning
Abnormal Call Monitor
Call Minutes Limitation

Network

Network Work Mode:
Router/Bridge
Ethernet Interface:
1 WAN & 1 LAN, 2*10/100M Base-T, RJ45
Static IP, DHCP Client
Network Protocols:
TCP, UDP,TFTP, FTP, RTP, RTCP, ARP, RARP,ICMP Ping, NTP, SNTP, HTTP, DNS
Static / Dynamic ARP Request

Mobile

SIM Slot: 1
SIM Interface:
1.8v, 3.0v SIM Interface
Frequency Range:
GSM 850/900/1800/1900MHz
SMS/SMSC/USSD
Call Duration Limitation
Polarity Reversal
PIN Modify
Carrier Auto/Manual Selection
CID/CLIR
BCCH
Balance Alarm

Environmental

Power Supply:
External Power Adapter 12VDC1A
Power Consumption: 3.5W
Operating Temperature: 0 °C ~ 40 °C
Storage Temperature: -20 °C ~80 °C
Humidity: 10%-90% Non-Condensing
Dimensions(W/D/H): 126×75×25mm
Unit Weight: 0.7kg

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About Us

Founded in 2011 in Shenzhen, DINSTAR is a leading global provider of IP Unified Communication products including VoIP Gateways, IP PBXs, IP Phones and SBCs, we have been delivering more agile, efficient and affordable communication solutions and unparalleled communication experiences to our customers with our reliable, innovative and future-proof products for years. Through our value-added distributors and resellers worldwide, now DINSTAR serves telecom operators, service providers, system integrators, enterprises, SMBs and OEM partners in over 100 countries.