

Dinstar UC2000-VG-32GM 32 Port GSM VoIP Gateway

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Product Name: Dinstar UC2000-VG-32GM 32 Port GSM VoIP Gateway

Manufacturer: -

Model Number: UC2000-VG-32GM

Please Note: This product has been discontinued. Please see the Dinstar UC2000-VG-32G 32 Port GSM VoIP Gateway for an available alternative.

Dinstar UC2000-VG-32GM 32 Port GSM Channels Built in Antenna combiner Quad-band 850/900/1800/1900 MHz G.711.G.723.1.G.729A IMEI Changer Support SIMBank The Dinstar UC2000-VG-32GM 32 Port GSM VoIP Gateway is a multi-functional product used to effectively implement the smooth transition between PLMN (Mobile) and VoIP network. The UC2000-VG 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 to VoIP). It is fully compatible with leading Soft-switch and SIP server. Dinstar UC2000-VG-32GM Key Features

ī¿½ 32 GSM Channels with 128 SIM Slots, Easy to Conduct SIM Rotation Locally

� GSM: 850/900/1800/1900MHz; CDMA: 800MHz; WCDMA: 850/900/1900/2100MHz

រ៉េ្ស Built-in Bandwidth Saving, Signaling&RTP Encryption

� HTTP API for Bulk SMS

� Auto Call/SMS Generation

17.1/2 Auto Update SIM Number and Balance Check

า๊¿½ No Balance Alarm and Call Minutes Limitation

Dinstar UC2000-VG-32GM - Technical Specifications Voice Processing

� Protocol: SIP v2.0, RFC3261

� Codecs:G.711A/U law, G.723.1, G.729A/B

ï¿1/2 Silence Suppression

� Comfort Noise Generator(CNG)

ï¿⅓ Voice Activity Detection(VAD)

آزا Echo Cancellation: G.168 with up to 128ms

� Dynamic Jitter Buffer

ï¿⅓ DTMF: RFC2833, SIP Info

� Call Progress Tone Generation

� Programmable Gain Control

ï¿1/2 NAT: STUN, Dynamic NAT, Static NAT

Mobile

ï¿1/2 SIM Interface: 1.8v, 3.0v SIM Interface

� Frequency Range:GSM: 850/900/1800/1900MHz; CDMA:

800MHzWCDMA:850/900/1900/2100MHz

� USSD Encoding: Unicode/ASCII

آزٰ½ HTTP API for SMS

� Polarity Reversal

آزٰ½ PIN Modify

� Carrier Auto/Manual Selection

� CID/CLIR

� BCCH

ï¿⅓ SMS Send and Receive



Dinstar UC2000-VG-32GM 32 Port GSM VoIP Gateway

- ï¿⅓ SMS to Email
- ï¿1/2 Call Waiting/Call Back
- تز½ Call Forward
- آذِا GSM Audio Coding: HR, FR,EFR, AMR_FR,AMR_HR

Software Features

- ï¿1/2 Calling Type:Mobile to VoIP, VoIP to Mobile
- ï¿⅓ SIP Trunk and Trunk Group
- ï¿1/2 Caller/Called Number Manipulation Rules
- ï¿1/2 SIP Codes Mapping
- ï¿1/2 White/Black List
- آز½ PSTN Hotline
- تز½ VoIP Hotline
- าั¿½ Password authentication for incoming and outgoing calls
- � Abnormal Call Monitor
- ï¿1/2 Call Minutes Limitation for Ports/Single Call
- � Auto SMS/Call Generation
- ï¿⅓ Balance Check
- � Low Balance Alarm
- ï¿1/2 Auto Update SIM Number
- � Random Call Interval
- ï¿1/2 Abnormal Call Monitor
- ī¿1/2 SIM Rotating bySIM Run TimeSIM BalanceBandwidth Saving
- � Signaling & Encryption

Network

- ï¿1/2 Static IP, DHCP Client, PPPoE
- � Network Protocols:TCP/UDP,TFTP, FTP, RTP/ RTCP, SSH,ARP,RARP,ICMP Ping, NTP,

HTTP, DNS

ï¿1/2 Static/Dynamic ARP Request

Maintenance

- � Web/Telnet Configuration
- ï¿1/2 Configure Backup/Restore
- ï¿1/2 Firmware Upgrade by HTTP/TFTP
- ï¿⅓ Factory Reset
- تز½ CDR (10000 Lines CDRs Storage Locally)
- ï¿⅓ Syslog/Filelog
- � Ping and Tracert
- ï¿1/2 Traffic statistics: TCP,UDP,RTP
- � VoIP Call Statistics
- � PSTN Call statistics: ASR,ACD,PDD
- � Voice Dialogist with Loopback
- ï¿1/2 GSM Network Dialogist
- � IVR Customization
- ï¿1/2 Auto Provisioning
- ï¿1/2 SIP/RTP/PCM Capture

Physical Interface

� Mobile: 32 GSM Channels � SIM Card Slots: 128



Dinstar UC2000-VG-32GM 32 Port GSM VoIP Gateway

- � Ethernet Interfaces:2*10/100 Base-T, RJ45
- � LED Indicators: Power, RUN, Signal Strength Indicators
- ï¿1/2 Console:1* RS232 115200bps

Environmental

- ï¿1/2 Power Supply:100-240VAC,50-60Hz
- ï¿1/2 Power Consumption: 68w
- � Operating Temperature: 0 ℃~ 40 ℃ Storage Temperature: -20 ℃~80 ℃
- ï¿1/2 Humidity: 10%-90% Non-Condensing
- � Dimensions(W/D/H): 440×270×75mm
- � Unit Weight: 4.7kg

Please Enquire