

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



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

- 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
- Built-in Bandwidth Saving, Signaling&RTP Encryption
- HTTP API for Bulk SMS
- Auto Call/SMS Generation
- Auto Update SIM Number and Balance Check
- 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
- 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: STUN, Dynamic NAT, Static NAT

#### Mobile

- 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
- HTTP API for SMS
- Polarity Reversal
- PIN Modify
- Carrier Auto/Manual Selection
- CID/CLIR
- BCCH
- SMS Send and Receive

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

- SMS to Email
- Call Waiting/Call Back
- Call Forward
- GSM Audio Coding: HR, FR, EFR, AMR\_FR, AMR\_HR

### Software Features

- Calling Type: Mobile to VoIP, VoIP to Mobile
- SIP Trunk and Trunk Group
- Caller/Called Number Manipulation Rules
- SIP Codes Mapping
- White/Black List
- PSTN Hotline
- VoIP Hotline
- Password authentication for incoming and outgoing calls
- Abnormal Call Monitor
- Call Minutes Limitation for Ports/Single Call
- Auto SMS/Call Generation
- Balance Check
- Low Balance Alarm
- Auto Update SIM Number
- Random Call Interval
- Abnormal Call Monitor
- SIM Rotating by SIM Run Time SIM Balance Bandwidth Saving
- Signaling & RTP Encryption

### Network

- Static IP, DHCP Client, PPPoE
- Network Protocols: TCP/UDP, TFTP, FTP, RTP/RTCP, SSH, ARP, RARP, ICMP Ping, NTP, HTTP, DNS
- Static/Dynamic ARP Request

### Maintenance

- Web/Telnet Configuration
- Configure Backup/Restore
- Firmware Upgrade by HTTP/TFTP
- Factory Reset
- CDR (10000 Lines CDRs Storage Locally)
- Syslog/Filelog
- Ping and Tracert
- Traffic statistics: TCP, UDP, RTP
- VoIP Call Statistics
- PSTN Call statistics: ASR, ACD, PDD
- Voice Dialogist with Loopback
- GSM Network Dialogist
- IVR Customization
- Auto Provisioning
- 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  
• Console: 1\* RS232 115200bps

### Environmental

• Power Supply: 100-240VAC, 50-60Hz  
• Power Consumption: 68w  
• Operating Temperature: 0 °C ~ 40 °C; Storage Temperature: -20 °C ~ 80 °C  
• Humidity: 10%-90% Non-Condensing  
• Dimensions (W/D/H): 440mm\*270mm\*75mm  
• Unit Weight: 4.7kg

**Please Enquire**

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