

Dinstar UC2000-VG-32T GSM/LTE VoIP Gateway



Product Name: Dinstar UC2000-VG-32T GSM/LTE VoIP Gateway

Manufacturer: Dinstar

Model Number: UC2000-VG-32T

Dinstar UC2000-VG-32T GSM/LTE VoIP Gateway

The Dinstar UC2000-VG-32T is a 32 channels wireless gateway based on DINSTAR new hardware platform and powerful embedded CPU, leveraging state-of-art and latest VoIP / SIP technology, which enables the smooth transit between 4G/3G/2G mobile network and VoIP networks. Adding LCD display on DINSTAR old classic design, makes this model easier to manage for users. Moreover, with open API, it allows users to build their own application software to send SMS/USSD messages or bulk SMS messages, or push their text messages from email, HTTP etc. It is suitable for enterprises, multi-site organisations, call centers and areas with limited landline like rural area to cut down telephony costs and enable easy & efficient communications.

Dinstar UC2000-VG-32T Key Features

- Up to 32 Channels GSM or LTE
- 2.3 inch Graphic LCD Display
- Powerful Embedded CPU
- Compatible with LTE-FDD/LTE-TDD/WCDMA/GSM Networks
- Compatible with Mainstream VoIP Platform
- Hot Swappable SIM Cards
- Voice over LTE (VoLTE)
- HTTP API for SMS Application Integration
- SMS to Email & Email to SMS
- Flexible Dial Rules & Manipulation Rules
- Auto CLIP
- Remote SIMs Management (optional)

Dinstar UC2000-VG-32T - Technical Specifications

Hardware Interfaces

- Mobile: 32 Channels
- SIM Card slots: 32
- Antennas Connectors: SMA
- 2.3" LCD graphic display
- Ethernet Interfaces: 2*10/100/1000 Base-T, RJ45
- LED Indicators: Power, RUN, Channel indicator
- Console: 1* RS232 (USB-B connector)
- RST/PWR Button

VoIP & Media

- Protocol: SIP v2.0, RFC3261
- SIP UDP/TCP/TLS
- RTP/SRTP
- Codecs: G.711A/U, G.723.1, G.729A/B, G.722, AMR, OPUS(TBD)
- Silence Suppression
- Comfort Noise Generator(CNG)
- Voice Activity Detection(VAD)
- Echo Cancellation
- Dynamic Jitter Buffer
- DTMF: RFC2833, SIP Info
- Call Progress Tone Generation

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- Programmable Gain Control
- NAT: STUN, Dynamic NAT, Static NAT

Frequency Bands(2G/3G)

- UC2000-VG-32G: GSM Gateway: 850/900/1800/1900MHz
- UC2000-VG-32W： WCDMA Gateway with two options
- A: WCDMA 850/1900MHz and GSM 850/900/1800/1900MHz;
- B: WCDMA 900/2100MHz and GSM 900/1800MHz

LTE Frequency Bands

- Type A:- FDD: B2/B4/B12- WCDMA: B2/B4/B5
- Type E:- FDD:B1/B3/B5/B7/B8/B20- TDD: B38/B40/B41- WCDMA: B1/B5/B8- GSM: 900/1800MHz
- Type V: FDD:B4/B13
- Type J:- FDD:B1/B3/B8/B18/B19/B26- TDD:B41- WCDMA:B1/B6/B8/B19
- Type AU:- FDD:B1/B2/B3/B4/B5/B7/B8/B28- TDD:B40- WCDMA: B1/B2/B5/B8- GSM: 850/900/1800/1900

Software Features

- 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
- Abnormal Call Monitor
- Minutes Limitation for Ports/Single Call
- Balance Check
- Low Balance Alarm
- Auto Update SIM Number
- Random Call Interval
- Auto CLIP Routing
- Signaling & RTP Encryption(DBO)
- Auto SIP Account
- PPTP/L2TP/OpenVPN

Mobile Features

- SMS/USSD/PIN
- Encoding: Unicode/ASCII
- HTTP API for SMS
- SMPP for SMS
- Polarity Reversal
- CID/CLIR
- SMS Send and Receive
- SMS to Email
- Email to SMS
- Auto SMS/Call Generation
- Call Waiting/Call Back

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- Call Forward
- Call Conference
- GSM Audio Coding: HR, FR,EFR, AMR_FR,AMR_HR

Maintenance

- Web/Telnet Configuration
- Configure Backup/Restore
- Firmware Upgrade by HTTP
- Factory Reset
- CDR (10000 CDRs Storage Locally)
- Syslog/Filelog
- Ping and Tracert
- Traffic statistics: TCP,UDP,RTP
- VoIP Call Statistics
- PSTN Call statistics: ASR,ACD,PDD
- Voice Diagnose with Loopback
- IVR Customisation
- SIP/RTP/PCM Capture
- SIMCloud Management
- Centralised Management(DMS)

Physical Features

- Power Supply: 100-240V,50- 60Hz
- Power Consumption: 68w
- Temperature:- Operation: 0 ℃ ~ 40 ℃;- Storage: -20 ℃ ~-80 ℃;
- Operation Humidity: 10%-90%
- Dimension(W/D/H): 440x270x75mm
- Unit Weight: 5.5kg

Price: £2,512.20