Dinstar UC2000-VF-16G 16 Port GSM VoIP Gateway



Product Name: Dinstar UC2000-VF-16G 16 Port GSM VoIP Gateway
Manufacturer: Dinstar
Model Number: UC2000-VF-16G

Dinstar UC2000-VF-16G 16 Port GSM Channels Quad-band 850/900/1800/1900 MHz G.711.G.723.1.G.729A IMEI Changer Support SIMBank
The Dinstar UC2000-VF-16G 16 Port GSM VoIP Gateway is a multi-functional gateway which helps to effectively implement calls between 2G/3G mobile network and VoIP network. With new designed pop-up SIM card slot, users are able to change SIM card easily without dismantling equipment. Moreover, with the opened API, the users could build their own application software to send SMS/USSD messages or bulk SMS messages, or push their text messages from email, HTTP etc. It has great performance in software features also in new hardware structure design. The gateway provide low cost, easy and flexible IP telephony solution to enterprise, SMEs and business office etc.
Dinstar UC2000-VF-16G Key Features

ï¿½ 16 GSM/CDMA/WCDMA Channels
ï¿½ Support to different mobile networks:
ï¿½ GSM: 850/900/1800/1900MHz;
ï¿½ CDMA: 800MHz; WCDMA: 850/900/1900/2100MHz
ï¿½ HTTP API for SMS Application Integration
ï¿½ SMS to Email and Email to SMS
ï¿½ Flexible Dial Rules and Manipulation Rules

Dinstar UC2000-VF-16G - Technical Specifications
Voice Processing

ï¿½ Protocol: SIP v2.0, RFC3261
ï¿½ Codecs:G.711A/U law, G.723.1, G.729A/B
ï¿½ Silence Suppression
ï¿½ Comfort Noise Generator(CNG)
ï¿½ Voice Activity Detection(VAD)
ï¿½ Echo Cancellation: G.168 with up to 128ms
ï¿½ Dynamic Jitter Buffer
ï¿½ DTMF: RFC2833, SIP Info
ï¿½ Call Progress Tone Generation
ï¿½ Programmable Gain Control
ï¿½ NAT: STUN, Dynamic NAT, Static NAT

Mobile

ï¿½ SIM Interface: 1.8v, 3.0v SIM Interface
ï¿½ Frequency Range: GSM: 850/900/1800/1900MHz; CDMA: 800MHz
ï¿½ WCDMA:850/900/1900/2100MHz
ï¿½ USSD Encoding: Unicode/ASCII
ï¿½ HTTP API for SMS
ï¿½ Polarity Reversal
ï¿½ PIN Modify
ï¿½ CID/CLIR
ï¿½ SMS Send and Receive
ï¿½ SMS to Email
ï¿½ Call Waiting/Call Back
ï¿½ Call Forward
ï¿½ GSM Audio Coding: HR, FR,EFR, AMR_FR,AMR_HR

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Software Features

ï¿½ Calling Type: Mobile to VoIP, VoIP to Mobile
ï¿½ SIP Trunk and Trunk Group
ï¿½ Caller/Called Number Manipulation Rules
ï¿½ SIP Codes Mapping
ï¿½ White/Black List
ï¿½ PSTN Hotline
ï¿½ VoIP Hotline
ï¿½ Abnormal Call Monitor
ï¿½ Call Minutes Limitation for Ports/Single Call
ï¿½ Balance Check
ï¿½ Low Balance Alarm
ï¿½ Auto Update SIM Number
ï¿½ Random Call Interval
ï¿½ Auto CLIP
ï¿½ Signaling & RTP Encryption
ï¿½ SMPP for SMS

Network

ï¿½ Static IP, DHCP Client,
ï¿½ Network Protocols:
ï¿½ TCP/UDP,TFTP, FTP, RTP/ RTCP, SSH,ARP,RARP,ICMP Ping, NTP, HTTP, DNS
ï¿½ Static/Dynamic ARP Request
ï¿½ PPTP VPN

Maintenance

ï¿½ Web/Telnet Configuration
ï¿½ Configure Backup/Restore
ï¿½ Firmware Upgrade by HTTP/TFTP
ï¿½ Factory Reset
ï¿½ CDR (10000 Lines CDRs Storage Locally)
ï¿½ Syslog/Filelog
ï¿½ Ping and Tracert
ï¿½ Traffic statistics: TCP,UDP,RTP
ï¿½ VoIP Call Statistics
ï¿½ PSTN Call statistics: ASR,ACD,PDD
ï¿½ Voice Diagnose with Loopback
ï¿½ GSM Network Test
ï¿½ IVR Customization
ï¿½ Auto Provisioning
ï¿½ SIP/RTP/PCM Capture

Physical Interface

ï¿½ Mobile: 16 Channels
ï¿½ Antennas Connectors: SMA
ï¿½ Ethernet Interfaces:2*10/100 Base-T, RJ45
ï¿½ LED Indicators: Power, RUN, Signal Strength Indicators
ï¿½ Console:1* RS232 115200bps

Environmental

Dinstar UC2000-VF-16G 16 Port GSM VoIP Gateway

ï¿½ Power Supply Input:100-240V,50-60Hz
ï¿½ Power Consumption: 38w
ï¿½ Temperature(Operation): 0 ℃ ~ 45 ℃(Storage): -20 ℃ ~80 ℃
ï¿½ Operation Humidity: 10%-90% No Condensation
ï¿½ Dimension(W/D/H): 440×270×44 mm
ï¿½ Weight: 3.6kg
ï¿½ Package Weight: 5.5kg

Price: £671.90