

Dinstar DWG2000B-16G SIP/GSM VoIP Gateway - 16 Channels [DWG20016]



Product Name: Dinstar DWG2000B-16G SIP/GSM VoIP Gateway - 16 Channels [DWG20016]

Manufacturer: -

Model Number: DWG2000B-16G

Dinstar DWG2000B-16G SIP/GSM gateway with 16 GSM channels

The Dinstar DWG2000B-16G VoIP Gateway is a cost-effective SIP/GSM gateway for SMEs and system integrators, and also opens up new revenue generating opportunities for service providers. The DWG2000B-16G allows a SIP based IP PBX telephone system or VoIP line to be connected directly to the GSM/CDMA cellular network, which can dramatically lower the cost of mobile calls by taking advantage of lower mobile-to-mobile tariffs. The DWG2000B-16G is a Quad-band SIP/GSM gateway that supports 16 GSM channels / SIM cards. The DWG2000B-16G works with Asterisk® based IP PBXs like Elastix®, trixbox®, and FreePBX®, as well as other Open Source and proprietary SIP based IP PBXs, Switch, IVR, and VoIP gateway applications.

Features of Dinstar DWG2000B-16G SIP/GSM gateway

آذِرُ Applications: SIP IP PBX GSM Trunk, SIP VoIP line Gateway, SMS Server

ï¿1/2 Quad-Band GSM 850/900/1800/1900 Mhz

ï¿1/2 Tri-Band CDMA450/800/1900 MHz

� 1 year warranty against hardware defects

� 14 day money back guarantee

า๊¿½ 30 day email support for technical installation issues

Target Applications

Title SIP/GSM gateway for SIP based IP PBX (e.g. Asterisk®) or VoIP line

า๊¿½ Back up solution in case of a PSTN/VoIP failure

آذِيًّ Mobile IP PBX (e.g. for trade shows, temporary offices, disaster recovery, etc.)

T¿½ SMS gateway for batch sending/receiving text messages (e.g. appointment reminders, customer order updates, remote/field worker communications, etc.)

ï¿⅓ GSM callback services

Technical Summary

าั¿½ Voice codecs supported include G.723.1, G.729A/B, G.711 (a-law and u-law)

ī¿½ Support for Fixed IP, DHCP, Automated NAT traversal using IETF STUN

ī¿½ Protocols supported include SIP RFC3261, TCP/UDP/IP, RTP/RTCP, HTTP, ARP/RARP, ICMP, DNS, DHCP, NTP, TELNET, PPPoE, STUN

121/2 Support for 16 GSM channels, 1 SIM card per GSM channel

ī¿½ Quad-Band GSM 850/900/1800/1900 Mhz ī¿½ Tri-Band CDMA450/800/1900 Mhz

� PPTP for VPN Support

آذًا Support for multiple user configurable VLANs: Data, Voice, Managment

Ti21/2 Send/receive batch SMS up to 300 characters, support for AT commands

า๊¿½ Unstructured Supplementary Services Data (USSD) support



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- ï¿1/2 Adjustable TX/RX gain: -6db~+6db
- آذِ1/2 Offhook Auto-Dial Hotline service
- าั¿½ DTMF Signaling via RFC 2833 or SIP Info
- า๊ะ่% Built-in PPPoE client for establishing DSL link connection with ISP
- � LEDs provide operational status information
- ï¿⅓ Support for external antennas
- ï¿1/2 PIN support for locked SIM cards
- ī¿½ Enhanced (Carrier Grade) Echo Cancellation: ITU Rec. G 168, up to 128 ms tail size
- تزاير Adaptive Jitter Buffer, Packet loss concealment (PLC), Comfort noise generation (CNG)
- ,Voice activity detection (VAD)
- ï¿⅓ HTTP Web configuration support

Hardware Summary

- ï¿1/2 Rack mountable 1U chassis
- ï¿1/2 16 SIM card slots
- Ti21/2 WAN interface: 1 x RJ45 10/100Mbps autosensing
- � Console port
- � Operation temperature: 0°C to 40°C
- � Storage temperature: -20°C to 70°C
- � Humidity 10-90% (non condensing)
- ï¿⅓ Weight: 6.8Kg
- � Dimensions (L x W x H): 440mm x 410mm x 44.5mm
- $\ddot{\imath}$ ¿½ Power: 100-240VAC; 50-60 Hz
- � Power Consumption: 60W
- ï¿1/2 Certificates: CE, FCC, ROHS

Please Enquire