## 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&reg; based IP PBXs like Elastix&reg;, trixbox&reg;, and FreePBX&reg;, 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

ï¿½ Applications: SIP IP PBX GSM Trunk, SIP VoIP line Gateway, SMS Server
ï¿½ Quad-Band GSM 850/900/1800/1900 Mhz
ï¿½ Tri-Band CDMA450/800/1900 MHz
ï¿½ 1 year warranty against hardware defects
ï¿½ 14 day money back guarantee
ï¿½ 30 day email support for technical installation issues

Target Applications

ï¿½ SIP/GSM gateway for SIP based IP PBX (e.g. Asterisk&reg;) or VoIP line
ï¿½ Back up solution in case of a PSTN/VoIP failure
ï¿½ Mobile IP PBX (e.g. for trade shows, temporary offices, disaster recovery, etc.)
ï¿½ SMS gateway for batch sending/receiving text messages (e.g. appointment reminders, customer order updates, remote/field worker communications, etc.)
ï¿½ GSM callback services

Technical Summary

ï¿½ Voice codecs supported include G.723.1, G.729A/B, G.711 (a-law and u-law)
ï¿½ Support for Fixed IP, DHCP, Automated NAT traversal using IETF STUN
ï¿½ Protocols supported include SIP RFC3261, TCP/UDP/IP, RTP/RTCP, HTTP, ARP/RARP, ICMP, DNS, DHCP, NTP, TELNET, PPPoE, STUN
ï¿½ Support for 16 GSM channels, 1 SIM card per GSM channel
ï¿½ Quad-Band GSM 850/900/1800/1900 Mhz
ï¿½ Tri-Band CDMA450/800/1900 Mhz
ï¿½ PPTP for VPN Support
ï¿½ Support for multiple user configurable VLANs: Data, Voice, Managment
ï¿½ Send/receive batch SMS up to 300 characters, support for AT commands
ï¿½ Unstructured Supplementary Services Data (USSD) support

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


Hardware Summary


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


**Please Enquire**