



## DAG1000/DAG2000 Series FXO VoIP Gateway

### OVERVIEW

DAG1000/DAG2000 Series VoIP analog gateway are IP-based access gateway. Provide a low cost, simple operation VoIP solutions for small business, the family office, remote office and branch businesses. DAG FXO series can connect with the traditional telephone, fax and traditional analog PBX through standard voice interface, and provide high quality voice service. DAG1000/DAG2000 series VoIP access gateway adopt standard SIP protocol and compatibility with most of the IPPBX and network platform based on SIP.

#### Product pictures



DAG1000-40




DAG1000-80



DAG1000-160

#### Key benefits

- Primary and secondary SIP account
- Flexible setup FXO port group
- IP trunk
- Flexible routing and manipulation
- Data/Voice/Management VLAN
- Voice and FAX all in one
- SNMP
- Firmware update automatically /configure update



Decade focused

Creates the high-quality goods

### Physical Interface

- Telephone interface:  
DAG1000-4O: 4FXO, RJ-11  
DAG1000-8O: 8FXO, RJ-11  
DAG2000-16O: 16FXO, RJ-11
- Ethernet Interface:  
4\*RJ-45 10/100 Base-Tx , RJ-45

### Voice & Fax

- G.711A/U law, G.723.1, G.729A/B
- Comfort Noise Generation(CNG)
- Voice Activity Detection(VAD)
- Echo Cancellation(G.168)
- Adaptive (Dynamic) Jitter Buffer
- Programmable Gain Control
- T.38/Pass-through/Modem FAX mode,  
Up to 14.4kbps
- DTMF mode: Signal/RFC2833/INBAND

### Private Service

- Inquire LAN port IP \*158#
- Inquire WAN port IP \*159#
- Get IP address \*150\*
- Restart \*111#
- Factory reset \*166\*000000#

### Protocol

- SIP V2.0 (RFC 3261,3262,3264)
- SDP (RFC 2327)
- REFER (RFC 3515)
- RTP/RTCP (RFC 1889,1890)
- STUN (RFC 3489)
- ARP/RARP (RFC 826/903)
- SNTP (RFC 2030)
- DHCP/PPPoE
- TFTP/HTTP/HTTPS
- DNS/DNS SRV (RFC 1706/RFC 2782)
- VLAN 802.1P/802.1Q
- Diff Serve

### FXO Features

- Busy tone detection
- No current take out stitches  
detection
- Voice interrupted detection
- One stage dialing
- Two stage dialing
- PSTN exterior ports polling
- Polarity Reversal
- FAS ( Fake billing correction )
- DC/AC impedance config
- Calls detection (Bellcore Type 1&2,  
ETSI,DTMF)



## Customer first

## Services more intimately

### Maintain & Upgrade

- Web based configuration
- Telnet configuration
- Data backup/restore
- Support English and Chinese language
- Firmware upgrade by TFTP
- Web & telnet login password modify
- Factory reset
- Automatic time synchronization
- SNMP
- IVR local maintenance management

### Physical properties

- Power: input:100-240V,50-60Hz,1.2A Max  
4FXO output: 12VDC,1A  
8FXO output:12VDC,2A  
16FXO output:110-240VAC, 0.5A
- power consumption(W): 4FXO:12;  
8FXO:20;16FXO:48
- Temperature(operation): 0 °C ~ 45 °C  
(storage): -20 °C ~80 °C
- Operation Humidity: 10%-90%  
no condensation
- Dimension(w/D/H):  
4/8FXO 242\*152\*40mm 1kg  
16FXO 442\*280\*44mm 3.0kg

### Network Features

- NAT (Rout& Bridge)
- Static IP, PPPoE, DHCP
- DHCP server
- MAC address clone
- DMZ
- IP,TCP, UDP,TFTP, FTP, TCP,ARP,RARP, Ping, NTP, SNTP, Http, DNS, Tracert
- Static/dynamic ARP

### Call & Routing

- FXO port group
- IP Trunk
- Primary and secondary SIP account
- 32 inbound routing
- 32 outbound routing
- Number manipulation
- Dial plan set

### Packing Content

- Gateway
- Power adapter
- RJ-45 Network cable
- User's Manual CD

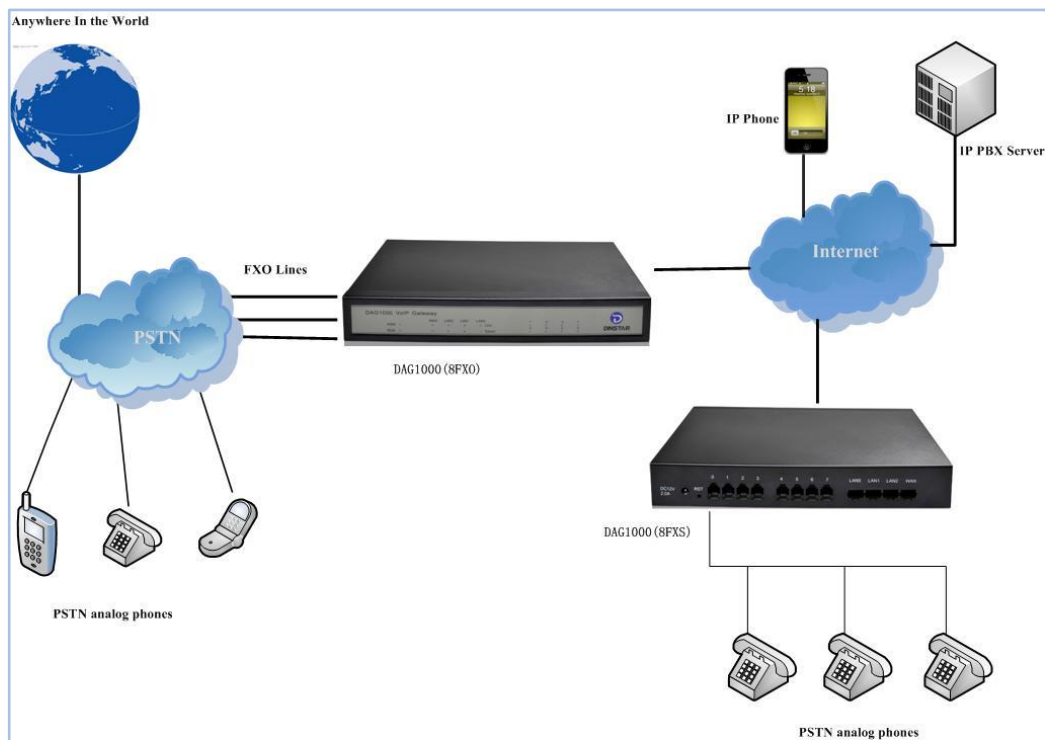
### Authentication

- CE, FCC



Trust Growth Cooperation Sharing

## System Application



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*The Gateway to VoIP World*