



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



DAG2000-160

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
- Caller ID
- 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 detection
- Voice interrupted detection
- One stage dialing
- Two stage dialing
- Pulse Dialing
- Polarity Reversal
- FAS (Fake billing correction)
- Programmable DC/AC impedance
- Caller ID (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
- IVR local maintenance management

Physical properties

- Power: input:100-240V,50-60Hz,1.2A Max
4FXO output: 12VDC,1A
8FXO output:12VDC,2A
16FXO optput: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

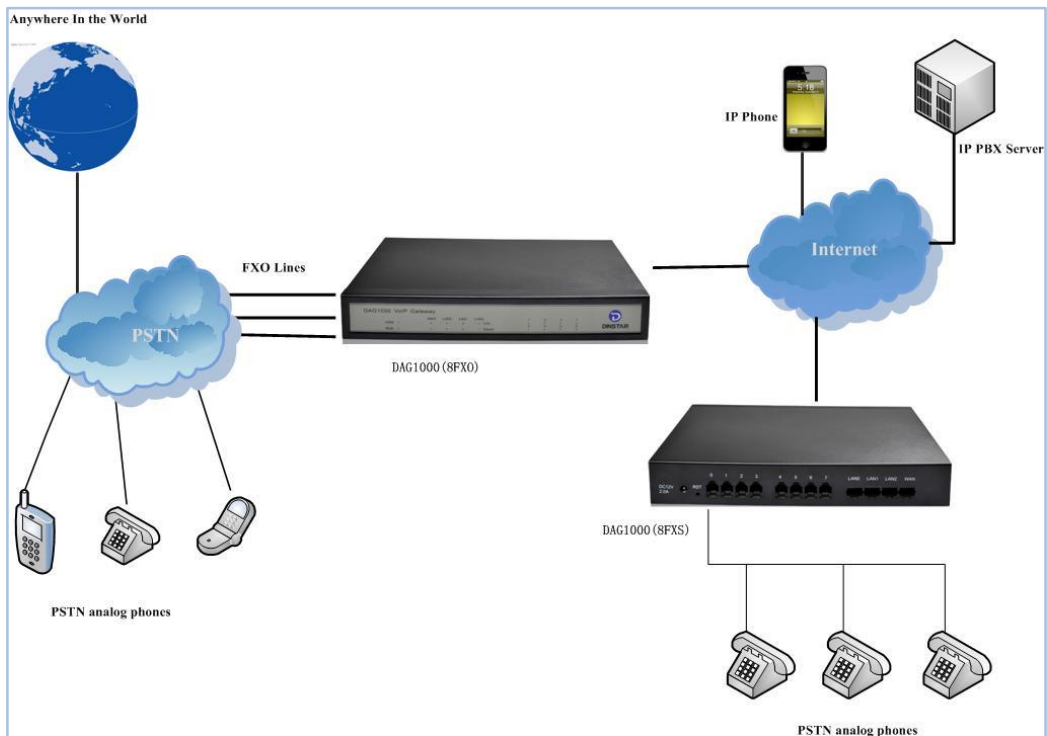
Authentication

- CE, FCC



Trust Growth Cooperation Sharing

System Application



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