



## DAG2000 Series VoIP Access Gateway

### Overview

DAG2000 series voice gateway is a VoIP access gateway based on IP. It is able to provide quality voice service for carrier, enterprise, Village users and company. Supported standard SIP protocol and compatible mainstream IPPBX and softswitch platform.

### Product pictures



DAG2000-16S



DAG2000-32S

### Key benefits

- Primary and secondary SIP account
- Flexible set port group
- IP trunk
- Flexible routing and manipulation
- Data/ Voice/ Management VLAN
- Voice /FAX/Modem
- Traffic Shaping
- Firmware update automatically /configure update



Decade focused

Creates the high-quality goods

### Physical Interfaces

- Phone ports: 16/24/32FXS, RJ-11
- Ethernet Interfaces:  
16FXS: 4\*RJ-45 10/100Mbps, RJ-45  
24FXS: 4\* RJ-45 10/100Mbps, RJ-45  
32FXS: 4\* RJ-45 10/100Mbps, 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
- Hook flash test
- 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

### Supplement Service

- Call waiting
- Call transfer(Blind transfer, Attend Transfer , Half blind transfer)
- Quick pick
- Call forwarding
- Hotline
- Call hold
- DND
- 3-way conference ( 1/2/4FXS Support)
- Voice mail
- Direct IP address call



## Customer first Services more intimately

### Call & Route

- Port group
- IP trunk
- Primary and secondary SIP account
- 32 inbound routing
- 32 outbound routing
- Number manipulation
- Dial plan set

### Network Feature

- NAT (Rout and Bridge)
- Static IP, PPPoE, DHCP
- DHCP server
- IP, TCP, UDP, TFTP, FTP, TCP, ARP, RARP, Ping, NTP, SNTP, Http, DNS, Trancert
- Static/dynamic ARP

### Environment

- Power input: 100-240VAC, 50-60Hz
- Power consumption: 24FXS: 80W;  
32FXS: 100W
- temperature(operator): 0 °C ~ 45 °C  
(storage): -20 °C ~ 80 °C
- Humidity: 10%-90% no condensation

### Maintain & Upgrade

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

### Dimension & Weight:

- 16FXS: 442(L)\*280(W)\*44(H)mm 3.0kg
- 24FXS: 442(L)\*250(W)\*44(H)mm 3.5kg
- 32FXS: 442(L)\*250(W)\*44(H)mm 3.5kg

### Packing Content

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

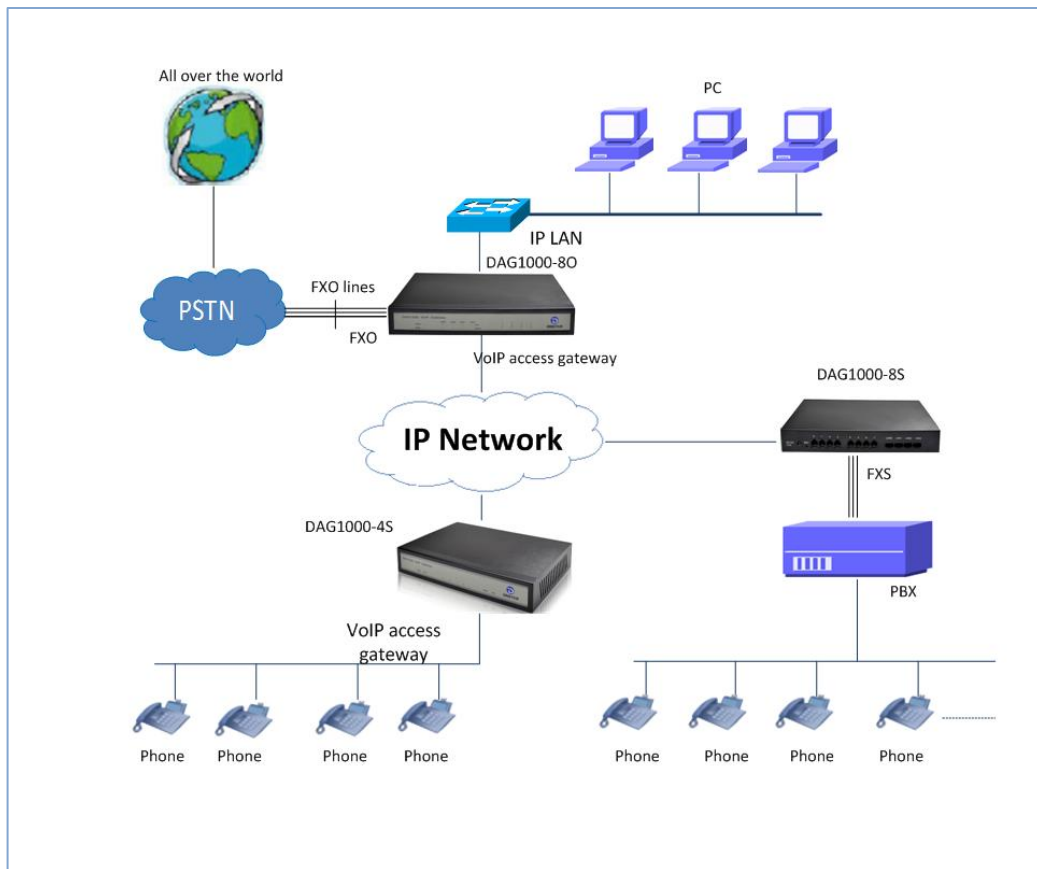
### Authentication

- CE, FCC



Trust Growth Cooperation Sharing

## System Application



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*The Gateway to VoIP World*