



## DAG2000 (V225) FXS VoIP Analog Access Gateway

### Overview


**DAG2000** analog gateway are versatile IP-based voice and fax gateway. For small business, the family office, remote office and branch business provide a low cost, simple operation VoIP solutions. With the standard RJ11 and RJ21 interfaces, the users easy to connected their analog phone, fax, PBX with standard voice interface and provide high quality voice service. DAG2000 VoIP access gateway use standard SIP protocol and compatible with Leading IMS/NGN platform, IPPBX and SIP servers.

### Product Pictures



### Key benefits

- Support SIP/MGCP
- Primary/Backup SIP Servers
- Flexible Routing and Manipulation
- Support Modem/POS
- Elastix/Broadsoft Certification
- Support IPv4 and IPv6
- Data/ Voice/ Management VLAN
- SNMP/TR069/Provision
- 5KM Maximum Cabling Length
- Cloud-based Management System and Bandwidth Optimization



# Decade Focused Creates the High-quality Goods

## Physical Interfaces

- Phone Interface: 24/32FXS, RJ11, 1/2\*RJ21
- Ethernet Interface:  
4\* RJ-45 10/100Mbps, RJ-45

## Voice & Fax

- G.711A/U law, G.723.1, G.729A/B, G.726, iLBC, AMR
- Comfort Noise Generation(CNG)
- Voice Activity Detection(VAD)
- Echo Cancellation(G.168)
- Adaptive (Dynamic) Jitter Buffer
- Hook Flash
- Programmable Gain Control
- T.38/Pass-through, up to 14.4kbps
- Modem/POS
- DTMF mode:  
Signal/RFC2833/INBAND

## FXS Port

- Connector: RJ11, RJ21
- Dial Mode: DTMF and Pulse
- Pulse: 10 and 20 PPS
- Caller ID: DTMF/FSK
- Max Cable Length: 5KM
- Reversed Polarity

## Protocol

- SIP V2.0 (RFC 3261,3262,3264)
- IMS/3GPP
- 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
- Blind Transfer
- Attend Transfer
- Call Pickup
- Call Forward on Busy
- Call Forward on No Reply
- Unconditional Call Forward
- Hotline
- Call Hold
- DND
- 3-way conference
- Voicemail



Customer first

Services more intimately

### Call & Route

- Port Group
- IP Trunk
- Primary and Secondary SIP Account
- 32 Inbound/Outbound Routing
- Number Manipulation
- Digitmap

### Network Features

- Static IP, PPPoE, DHCP Client
- IPv4, IPv6
- Static/dynamic ARP
- Traffic Shaping
- Voice/Data/Management VLAN
- DIFFServ, ToS

### Environment

- Power Supply:100-240V,50-60Hz
- Power Consumption:  
24FXS:35W; 32FXS: 40W
- Temperature(Operation): 0 °C ~ 45 °C  
(Storage): -20 °C ~80 °C
- Humidity: 10%-90% No condensation

### Homologation

- CE,FCC
- Elastix / Broadsoft

### Maintain & Upgrade

- SNMP/TR069
- Auto Provisioning
- Web/Telnet
- Configuration Backup/Restore
- Firmware Upgrade via WEB/TFTP
- Syslog and CDR
- Access Rule List
- Network Capture
- Outward Test(GR909)
- Automatic Time Synchronization
- IVR local Maintenance
- Cloud-based Management

### Dimension & Weight

- 24FXS:440(L)×250(W)×44(H)mm 3.0kg
- 32FXS:440(L)×250(W)×44(H)mm 3.2kg

### Packing Content

- Gateway
- Power Cable
- Ground Cable
- Network Cable
- User's Manual CD



Trust Growth Cooperation Sharing

**System Application**

