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

The Gateway to VoIP World

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

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 ℃ ~ 45 ℃
              (Storage): -20 ℃ ~80 ℃
- 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
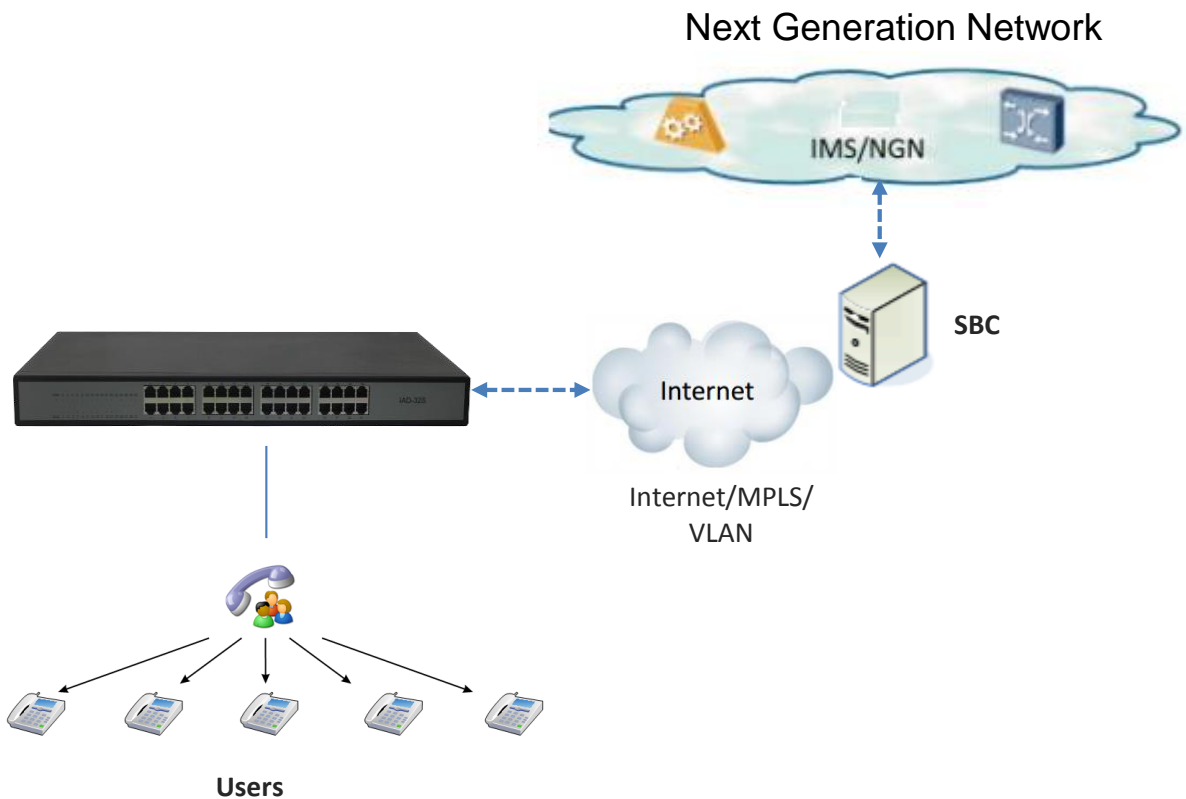- 32FXS:440(L)×250(W)×44(H)mm 3.2kg

Packing Content

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

System Application

Next Generation Network

IMS/NGN

SBC

Internet

Internet/MPLS/
VLAN

Users

DINSTAR

Dinstar Technologies Co., Ltd.

Floor 9, Guoxing Building, Changxing Road, Nanshan District, Shenzhen, China 518052

Tel: +86 755 2645 6664   Fax: +86 755 2645 6659

Email: sales@dinstar.com support@dinstar.com   Website: www.dinstar.com

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