DAG1000-4S4O Hybrid Analog VoIP Gateway

Overview

DAG1000 series hybrid analog gateway are versatile IP-based voice and fax gateway. For small business, the family office, remote office and branch businesses provide a low cost, simple operation VoIP solutions. FXS/FXO hybrid gateway support network failure and power failure lifeline feature , flexibly realize interoperability with simulation PBX and provide reliable voice quality assurance for the traditional voice transition to IP voice. Support standard SIP protocol and compatible mainstream IPPBX and softswitch platform.

Pictures

Front

Back

Key Features

- 4 FXS and FXO hybrid
- Flexible port group
- IP trunk
- Flexible routing and manipulation
- Data/ Voice/ Management VLAN
- Voice and FAX all in one
- Power and network failure life line
- Firmware update automatically /configure update

Physical Interfaces

Phone Interfaces:

   4FX and 4FXO, RJ-11

Ethernet Interfaces:

1WAN 3LAN 10/100Mbps

FXS

Connector: RJ11

Dial Mode: DTMF and Pulse

Pulse: 10 and 20 PPS

Caller ID: DTMF/FSK CLI Presentation

Reversed Polarity

Programmable Call Progress Tone

Max Cable Length: 3 km

FXO

Connector: RJ11

Dial Mode: DTMF/Pulse Dialing

Caller ID: FSK, DTMF

Polarity Reversal

Answer Delay

Busy Tone Detection

No Current Detection

Voice & FAX

G.711A/U law, G.723.1, G.729A/B,

Silence Suppression

Comfort Noise Generation(CNG)

Voice Activity Detection(VAD)

Echo Cancellation(G.168), with up to 128ms

Adaptive (Dynamic) Jitter Buffer

Programmable Gain Control

T.38/Pass-through

Modem/POS

DTMF mode: Signal/RFC2833/INBAND

VLAN 802.1P/802.1Q

Layer3 QoS and DiffServ

VoIP

Protocol:

   SIP v2.0 (UDP/TCP),RFC3261

   SDP,RTP(RFC2833), RFC3262,

   3263,3264,3265,3515,2976,3311

SIP TLS/SRTP

RTP/RTCP, RFC2198, 1889

RFC4028 Session Timer

RFC3266 IPv6 in SDP

RFC2806 TEL URI

RFC3581 NAT,rport

Outbound Proxy

DNS SRV/ A Query/NATPR Query

SIP Trunk

Early Media/Early Answer

NAT:STUN, Static/Dynamic NAT

Maintenance

SNMP v1/v2/v3

TR069

Auto Provisioning

Web/Telnet

Configuration Backup/Restore

Firmware Upgrade via Web

CDR

Syslog

Network Capture

NTP/Daylight Saving Time

IVR local Maintenance

Cloud-based Management

Network

Static/Dynamic IP,

PPPoE

DHCP Client

IPv4/IPv6

TCP, UDP,TFTP, FTP, ARP,RARP,

Ping, NTP, SNTP, HTTP/HTTPS, DNS

Ping / Tracert

DHCP Option 66,120,121

Software Features

Port Group

Web ACL

Telnet ACL

Action URL

Digitmap

Routing Rules based Prefixes

Caller/Called Number

Manipulation

Environmental

Power supply:

 Input 100~240VAC Output 12VDC, 2A

Power consumption(W): 20W

Operator Temperature: 0 ℃ ~ 45 ℃

Storage Temperature: -20 ℃ ~80 ℃

Humidity: 10%-90% no condensation

Compliance: CE, FCC