

IAD-8FXS VoIP Analog Access Gateway

Overview

IAD-8FXS analog gateway are versatile IP-based voice and fax gateway. For small business, family office, remote office and branch business, the devices provide a low cost, simple operation VoIP solutions. And IAD-8FXS provide quality voice service for analog phone, fax, PBX with standard voice interface connected. IAD-8FXS VoIP access gateway use standard SIP protocol and are 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
- Build-in Firewall and Access Rules
- SNMP/TR069/Provision
- Cloud-based Management System
and Bandwidth Optimization

The Gateway to VoIP World



Decade Focused Creates the High-quality Goods

Physical Interfaces

- Phone Interface: 8FXS, RJ-11
- 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
- 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

- NAT (Rout and Bridge)
- Static IP, PPPoE, DHCP Client
- DHCP Server
- MAC Address Clone
- DMZ, Static routing
- Built-in Firewall
- Static/dynamic ARP
- QoS, Traffic Shaping
- Voice/Data/Management Vlan

Environment

- Power Supply: 100-240V, 50-60Hz
Output: 12VDC, 2A
Power Consumption: 18W
Temperature(Operation): 0 °C ~ 45 °C
(Storage): -20 °C ~80 °C
- Humidity: 10%-90% No condensation

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

Homologation

- CE, FCC
- Elastix / Broadsoft

Dimension & Weight:

- 240(L) × 154(W) × 37(H)mm 1kg

Packing Content

- Gateway
- Power Adapter
- Network Cable
- User Manual CD