

## IAD-16FXS VoIP Analog Access Gateway

### Overview

**IAD-16FXS** 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. IAD-16FXS provide quality voice service for analog phone, fax, PBX with standard voice interface connected. IAD-16FXS 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
- 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: 16FXS, 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

- 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: 35W
- 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

- 440(L) × 230(W) × 44(H)mm 2.7kg

### Packing Content

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

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