



## iAG200/400 Series Analog Gateway

### Overview

OpenVox iAG200/400 Series Analog Gateway, a new product of the iAG Series, is specially designed for SMBs and SOHOs. With friendly GUI and unique modular design, users may easily setup their customized gateway. Also secondary development can be completed through AMI (Asterisk Management Interface).

The iAG200/400 Series Analog Gateways are comprised of four models: iAG200-S with 2 FXS ports, iAG200-O with 2 FXO ports, iAG400-S with 4 FXS ports, iAG400-O with 4 FXO ports.

The iAG200/400 Series Analog Gateways are developed for interconnecting a wide selection of codecs including G.711A, G.711U, G.729A, G.722, G.726, iLBC. iAG200/400 use standard SIP protocol and compatible with leading VoIP platform, IPPBX and SIP servers, such as Asterisk, Issabel, 3CX, FreeSWITCH, BroadSoft and VOS VoIP operating platform.



### Key features

- 2 or 4 FXS/FXO ports
- Support SNMP and TR069
- Support IPv4 and IPv6
- 3km Line Length(MAX)
- Multiple codecs: G.711A/U,G.723.1,G.729A/B and iLBC
- Support easy management
- Fully Compatible with leading SIP based VoIP Telephony System

## Physical Interfaces

### Capacity

- 2/4 FXS with RJ11
- 2/4 FXO with RJ11

### Ethernet Interfaces:

- 1 \* WAN, 10/100Mbps, RJ-45
- 1 \* LAN, 10/100Mbps, RJ-45

## Voice & FAX

- G.711A, G.711U, G.729A, G.722, G.726, iLBC
- Comfort Noise Generation(CNG)
- Modem/POS
- Adaptive (Dynamic) Jitter Buffer
- Programmable Gain Control
- DTMF mode: Signal/RFC2833/INBAND
- T.38/Pass-through
- Echo Cancellation(G.168), with up to 128ms

## Call Features

- Call Waiting
- Blind Transfer
- Attend Transfer
- Call Forward on Busy
- Call Forward on No Reply
- Unconditional Call Forward
- Warm/Immediately Hotline
- Message Waiting Indicator
- SIP registration to different servers
- Call Hold
- Do-not-disturb
- 3-Way Conference
- Speed Dial

## FXS

- Connector: RJ11
- Dial Mode: DTMF and Pulse
- Pulse: 10 and 20 PPS
- Caller ID: DTMF/FSK CLI Presentation
- Max Cable Length: 3 km
- Reversed Polarity Programmable Call Progress Tone

## FXO

- Connector: RJ11
- Dial Mode: DTMF/Pulse Dialing
- Caller ID: FSK, DTMF
- Polarity Reversal
- Answer Delay
- Busy Tone Detection
- No Current Detection

## Software Features

- Hunting Group
- Web ACL
- Telnet ACL
- Action URL
- PPPoE
- OpenVPN
- Digitmap
- Routing Rules based Prefixes
- Caller/Called Number Manipulation

## VoIP

### Protocol:

- SIP v2.0 (UDP/TCP), RFC3261
- SDP, RTP(RFC2833), RFC3262, RFC3263, RFC3264, RFC3265, RFC3515, RFC2976, RFC3311
- RTP/RTCP, RFC2198, RFC1889
- IPv4 and IPv6
- Outbound Proxy
- RFC2806 TEL URI
- RFC3581 NAT,rport
- VLAN 802.1P/802.1Q
- RFC4028 Session Timer
- DNS SRV/A Query/NATPR Query
- NAT:STUN, Static/Dynamic NAT

## Maintenance

- SNMP v1/v2/v3
- Auto Provisioning
- Web Configuration
- Backup/Restore
- Firmware Upgrade via Web
- CDR
- TR069
- IPOE
- Syslog(Emerg,alert, critical,error warning,notice,info, debug)
- Ping/Tracert Test
- Network Capture
- NTP/Daylight Saving Time
- IVR local Maintenance
- Cloud-based Management

## OpenVox iAG200/400 Series Analog Gateway

Product Name	iAG200-S	iAG200-O	iAG200-S/O	iAG400-S	iAG400-O
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### Interfaces

FXS/FXO Ports	2	2	1/1	4	4
Ethernet port	2 * 10/100Mbps ports				

### General Info

Weight	160g	176g
Dimension	125mm*85mm*28.7mm	150mm*100mm*28.7mm
Maximum power	6W	8W
Universal Power Supply	12V 2A	
Operation Temperature	0°C ~ 50°C	
Operation Humidity Range	10% ~ 90% NON-CONDENSING	
Storage Temperature Range	-20°C ~ 70°C	
Short/Long Haul Ring Load	2 REN, up to 3km on 24AWG line	
Certification	CE	

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