



iAG801 Series Analog Gateway

Overview

OpenVox iAG801 is a multifunctional analog gateway that provides 8 FXS ports for seamless connection between IPPBX, fax machines, analog phones and operators. In addition, it has excellent full concurrent voice/fax processing capabilities, strong performance and high stability, and provides high-quality call services for operators, enterprises, call centers and residential users in residential communities.

The iAG801 Analog Gateway, a cost-effective product of the iAG Series, is an ideal analog VoIP gateway solution for SMBs and SOHOs. With friendly GUI and unique design, users may easily customize and configure their gateway. In addition, we have a complete API interface.

The iAG801 Analog Gateway is developed for interconnecting a wide selection of codecs including G.711A/U, G.723.1, G.729A, G.722, iLBC, OPUS, AMR and AMR-WB. iAG801 series 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

- 8 FXS ports
- Support SNMP and TR069
- Support IPv4 and IPv6
- 3km Line Length
- Support API
- Fully Compatible with leading SIP based VoIP Telephony System
- VEX (Advanced Peer To Peer Call)

Physical Interfaces

Capacity

- 8 FXS with RJ11

Ethernet Interfaces:

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

Voice & FAX

- G.711A/U,G.723.1,G.729A/B,G.722, G726-32,iLBC, OPUS, AMR and AMR-WB
- Comfort Noise Generation(CNG)
- Modem/POS
- Adaptive (Dynamic) Jitter Buffer
- Programmable Gain Control
- DTMF mode: Signal/RFC2833/INBAND
- T.38/Pass-through, up to 14.4Kbps
- 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

VoIP

Protocol:

- SIP v2.0 (UDP/TCP), RFC3261
- SDP,RTP(RFC2833), RFC3262, RFC3263, RFC3264, RFC3265, RFC3515, RFC2976, RFC3311
- ETC (3GPP TS 24.629, RFC 3891, RFC 3892)
- RTP/RTCP, RFC2198, RFC1889, RFC1890
- Dual Stack (IPv4, IPv6)
- Outbound Proxy
- Support Primary and Backup SIP Server
- 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

Software Features

- Hunting Group
- Web ACL
- Telnet ACL
- Action URL
- PPPoE
- OpenVPN
- Digitmap
- Routing Rules based Prefixes
- Caller/Called Number Manipulation
- Activity Detection (VAD)
- Hook Flash
- IMS/3GPP: Conference (3GPP TS 24.147 V8.2.0), IMS Services (3GPP TS 24.173 V8.4.0)

Maintenance

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

OpenVox iAG801 Series Analog Gateway

Product Name	iAG801
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Interfaces

FXS Ports	8
Ethernet port	2 * 10/100Mbps ports

General Info

Weight	400g
Dimension	170mm*98mm*26mm
Maximum power	12W
Universal Power Supply	DC 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 24 AWG line
Certification	CE

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