

ARIA FXO VOIP GATEWAY (4,8,16 PORT)

OVERVIEW

Aria VoIP analog gateway are IP-based access gateway. Provide a low cost, simple operation V solutions for small business, the family office, remote office and branch businesses. Aria FXO series can connect with the traditional telephone, fax and traditional analog PBX through standard voice interface, and provide high quality voice service. Aria VoIP access gateway adopts standard SIP protocol compatibility with most of the IPPBX and network platform based on SIP.

Product pictures



Key benefits

- Primary and secondary SIP account
 - Flexible setup FXO port group
 - IP trunk
 - Data/Voice/Management VLA
 - Voice and FAX all in one
 - Caller ID
 - Firmware update automaticall
- /configure update

Physical Interface

- Telephone interface:
DAG1000-4O: 4FXO, RJ-11
DAG1000-8O: 8FXO, RJ-11
DAG2000-16O: 16FXO, RJ-11
- Ethernet Interface:
4*RJ-45 10/100 Base-Tx, RJ-45

Voice & Fax

- G.711A/U law, G.723.1, G.729A/B
- Comfort Noise Generation(CNG)
- Voice Activity Detection(VAD)
- Echo Cancellation(G.168)
- Adaptive (Dynamic) Jitter Buffer
- Programmable Gain Control
- T.38/Pass-through/Modem FAX mode, Up to 14.4kbps
- DTMF mode: Signal/RFC2833/INBAND

Private Service

- Inquire LAN port IP *158#
- Inquire WAN port IP *159#
- Get IP address *150*
- Restart *111#
- Factory reset *166*000000#

Protocol

- SIP V2.0 (RFC 3261,3262,3264)
- 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
- Diff Serve

FXO Features

- Busy tone detection
- No current detection
- Voice interrupted detection
- One stage dialing
- Two stage dialing
- Pulse Dialing
- Polarity Reversal
- FAS Fake billing correction
- Programmable DC/AC impedance
- Caller ID (Bellcore Type 1&2, ETSI,DTMF)

Maintain & Upgrade

- Web based configuration
- Telnet configuration
- Data backup/restore
- Support English and Chinese language
- Firmware upgrade by TFTP
- Web & telnet login password modify
- Factory reset
- Automatic time synchronization
- IVR local maintenance management

Physical properties

- Power: input:100-240V,50-60Hz,1.2A Max
4FXO output: 12VDC,1A 8FXO
output:12VDC,2A 16FXO
optput:110-240VAC, 0.5A
- power consumption(W):
4FXO:12; 8FXO:20;16FXO:48
• Temperature(operation): 0 ~ 45 (storage):-20 ~80
- Operation Humidity: 10%-90%
no condensation
- Dimension(w/D/H):
4/8FXO 242*152*40mm 1kg
16FXO 442*280*44mm 3.0kg

Network Features

- NAT (Rout& Bridge)
- Static IP, PPPoE, DHCP
- DHCP server
- MAC address clone
- DMZ
 - IP,TCP, UDP,TFTP, FTP, TCP,ARP,RARP
- Ping, NTP, SNTP, Http, DNS, Tracert
- Static/dynamic ARP

Call & Routing

- FXO port group
- IP Trunk
- Primary and secondary SIP account
- 32 inbound routing
- 32 outbound routing
- Number manipulation
- Dial plan set

Packing Content

- Gateway
- Power adapter
- RJ-45 Network cable
- User's Manual CD



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