

VIP-320S/VIP-311O/VIP-311N

VoIP SIP Analog Telephony Adapter

Overview

VIP-3xx VoIP ATA Series is a highly reliable analog Voice over IP device which is designed for SIP2.0(RFC3261) protocol compliance to provide high-quality telephone solutions using your existing broadband connections. With the advanced technology, the VoIP Gateway Series transforms toll quality voice data over IP networks while seamlessly connecting to your analog phone system.



Regarding voice codec, the VoIP ATA supports voice compression standards such as G.711, G.723, G.729 A/B, G.726 and also G.168 Echo Cancellation. These functions minimize bandwidth requirements for voice transmission while still providing high quality voice reproduction.

VIP-3xx VoIP ATA series support 1FXS+1PSTN, 1FXS+1FXO and 2FXS versions with different phone features.

It provides flexibility installation alternatively for different VoIP application environments interfaces which allow users to plan their connections direct phone-lines to phones PBX or facsimile facilities. The integrated IP-sharing functions which support PPPoE to simplify the network connections and DHCP to eliminate IP configurations. With the built-in web server, VIP-3XX VoIP ATA series is easy to setup and install with minimum configuration by Web-based configuration tools and also support AUTO Provision function. To keep up with future technology, software download and upgrades are easily done via network with our built-in TFTP/HTTP/FTP and flash memory.

VIP-3xx VoIP ATA is the ideal VoIP solution specifically targeted at Home users to reduce phone charges and create desired flexibility for users to enjoy the communication freedom.



Features

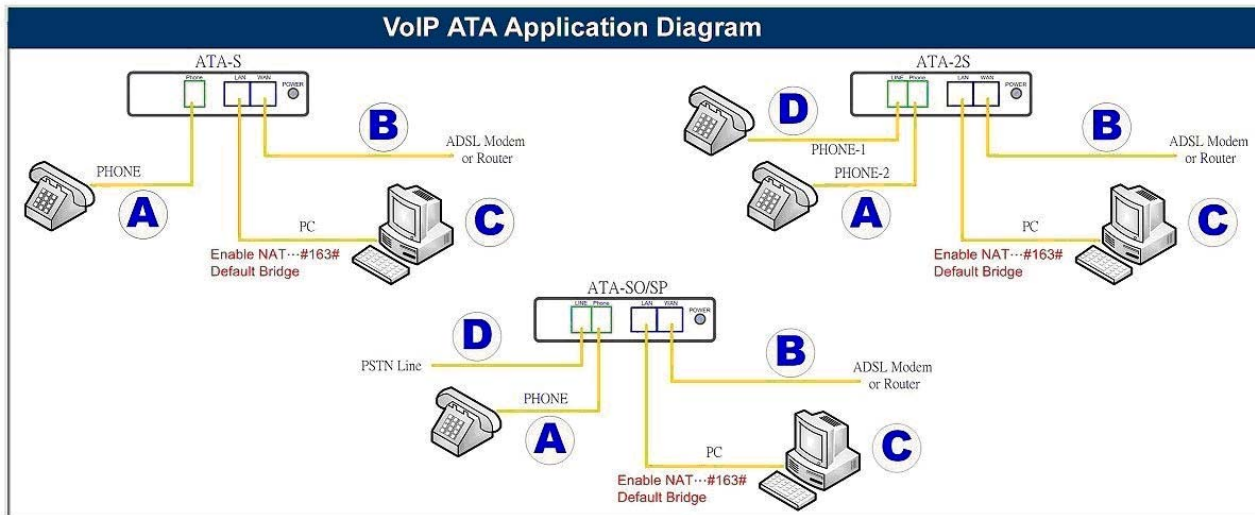
- Support SIP protocol
- Conference Call: 3-Way Call
- Can Register 3 SIP accounts
- Speed dial function
- Call Waiting function
- Call forward: All / Busy / No Answer Forward
- Block Setting: All/ By Time/ Duration
- Get IP Address by IVR
- Upgrade program by FTP/TFTP/HTTP mode
- Support G.711/ G.723.1/ G.726/ G.729A/ G.729B codec
- Support T.38
- LED: POWER/ WAN/ LAN/ REG/ PHONE/ LINE
- Settings by HTTP web browser or Phone key

Specifications

Model	VIP-320S	VIP-311N	VIP-311O
Description	2FXS Port	1FXS + PSTN	1FXS + FXO
VoIP Standard	SIP	SIP	SIP
Network Protocol	<ul style="list-style-type: none"> SIP v1 (RFC2543), v2(RFC3261) IP/TCP/UDP/RTP/RTCP IP/ICMP/ARP/RARP/SNTP TFTP Client/DHCP Client/ PPPoE Client 	<ul style="list-style-type: none"> NAT/DHCP Server Telnet/HTTP Server DNS Client 	
LEDS	<ul style="list-style-type: none"> Power: ON/OFF Register: Y/N Phone: Standby/ Comming 	<ul style="list-style-type: none"> Line: Standby/ Comming 	
Fax Support	<ul style="list-style-type: none"> Fax Relay PCM (G.711) 		
Tone	<ul style="list-style-type: none"> Ring Tone Ring Back Tone Dial Tone 	<ul style="list-style-type: none"> Busy Tone User Programming Tone 	
Phone Function	<ul style="list-style-type: none"> Volume Adjustment Speed dial, Phone book Flash 	<ul style="list-style-type: none"> Speaker Phone CPC (Calling Party Control) 	
Codec	<ul style="list-style-type: none"> G.711: 64k bit/s (PCM) G.723.1: 6.3k / 5.3k bit/s G.726: 16k / 24k / 32k / 40k bit/s (ADPCM) G.729A: 8k bit/s (CS-ACELP) 	<ul style="list-style-type: none"> G.729B: adds VAD & CNG to G.729 iLBC 	
IP Assignment	<ul style="list-style-type: none"> Static IP DHCP 	<ul style="list-style-type: none"> PPPoE 	
Voice Quality	<ul style="list-style-type: none"> VAD: Voice activity detection CNG: Comfortable noise generator LEC: Line echo canceller 	<ul style="list-style-type: none"> Packet Loss Compensation Adaptive Jitter Buffer 	
Security	<ul style="list-style-type: none"> HTTP 1.1 basic/digest authentication for Web setup MD5 for SIP authentication (RFC2069/ RFC2617) 		
Call Function	<ul style="list-style-type: none"> Call Hold Call Waiting Call Forward 	<ul style="list-style-type: none"> Caller ID 3-way conference 	

Application

Model	VIP-320S	VIP-311N	VIP-3110
Description	2FXS PORT	1FXS + PSTN	1FXS + FXO
LAN Interface	1 x 10Mbps/ 100Mbps RJ-45		
WAN Interfac	1 x 10Mbps/ 100Mbps RJ-45 Port		
Bridge Mode	wire speed 100Mbps		
PHONE	FXS		
PSTN	PSTN Line		
Installation	Desktop, Wall Mountable		
Power Supply	100-240V /50/60HZ & Output: DC12V /1A (US/ Euro/ UK/ Australian style available.)		
Temperature	Operating: 0° ~ 40°C ; Storage: -10 ~ 50°C		
Humidity	10 ~ 90% (Non-Condensing)		
Dimension	* Unit : 17cm× 13cm× 3.4cm/0.4g * Box : 300mm x 140mm x 115mm/ 0. g		
Regulatory Compliance	CE/ LVD/ FCC		



Ordering Information

- VIP-320S-A1 : VoIP SIP ATA with 2 FXS ports
- VIP-3110-A1 : VoIP SIP ATA with 1 FXO, 1 FXS ports
- VIP-311N-A1: VoIP SIP ATA with 1 FXS, 1 PSTN ports

** Product specification subject to change without notice.*

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