

# VoIP ATA

CVA-1S / CVA-2S / CVA-1SO / CVA-1SP



CVA-1S / CVA-1SO / CVA-1SP

## Network Protocol

- SIP v1 (RFC2543), v2 (RFC3261)
- IP/TCP/UDP/RTP/RTCP
- IP/ICMP/ARP/RARP/SNTP
- TFTP Client/DHCP Client/ PPPoE Client
- Telnet/HTTP Server
- DNS Client
- NAT/DHCP Server
- PPTP client
- VLAN

## Codec

- 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)
- G.729B: adds VAD & CNG to G.729
- GSM
- iLBC

## Voice Quality

- VAD: Voice activity detection
- CNG: Comfortable noise generator
- LEC: Line echo canceller
  - G.165, G.168 compliant
  - Echo canceller for each port
- Packet Loss Compensation
- Adaptive Jitter Buffer

## Call Function

- Call Hold
- Call Waiting
- Call Forward
- Call Transfer
- Caller ID
- 3-ways conference
- Toll-Bypass (Auto Answer)

## DTMF Function

- RFC2833
- In-Band DTMF
- Out-of Band DTMF
- SIP Info

## SIP Server

- Registrar Server
- Outbound Proxy

## Tones

- Ring Tone
- Ring Back Tone
- Dial Tone
- Busy Tone
- Programming Tone

# VoIP ATA

## Phone Function

- Volume Adjustment
- Speed dial key
- Phone book
- Hook Flash

## IP Assignment

- Static IP
- DHCP client
- PPPoE client

## Security

- HTTP 1.1 basic/digest authentication for Web setup
- MD5 for SIP authentication (RFC2069/ RFC 2617)

## QoS

- ToS field
- Diff serv

## NAT Traversal

- STUN (Simple Traversal UDP through NAT)

## Configuration

- Web Browser
- Console/Telnet
- Windows base Easy setup program

## Firmware Upgrade

- TFTP
- Console
- HTTP

## Auto provisioning

- HTTP
- TFTP

## Fax modes

- T.38 relay support
- G.711 pass through

## Models and hardware interfaces

### CVA-1S

- 1 Power jack for DC input
- 1 Power switch for power on /off
- 1 Reset button for reset to factory default function
- 2 Ethernet jacks for LAN and WAN port connection
- 1 RJ11 phone jack for VOIP FXS connection

### CVA-1SP

- 1 Power jack for DC input
- 1 Power switch for power on /off
- 1 Reset button for reset to factory default function
- 2 Ethernet jacks for LAN and WAN port connection
- 1 RJ11 phone jack for VOIP FXS connection
- 1 RJ11 phone jack for PSTN backup

### CVA-1SO

- 1 Power jack for DC input
- 1 Power switch for power on /off
- 1 Reset button for reset to factory default function
- 2 Ethernet jacks for LAN and WAN port connection
- 1 phone jack for VOIP FXS connection
- 1 RJ11 phone jack for FXO

### CVA-2S

- 1 Power jack for DC input
- 1 Power switch for power on /off
- 1 Reset button for reset to factory default function
- 2 Ethernet jacks for LAN and WAN port connection
- 2 RJ11 phone jacks for VOIP FXS connection

	WAN	LAN	FXS	FXO	Remark
CVA-1S	1	1	1		
CVA-2S	1	1	2		
CVA-1SO	1	1	1	1	FXO
CVA-1SP	1	1	1	1	PSTN Backup



CVA-2S

## LAN Protocols /Interfaces

- Ethernet interface
- Support 1 Port Ethernet Interface (10/100Mbps) which compliant with IEEE 802.3x standards.
- 10/100 Mbps auto selection
- Ethernet port supports Automatic MDI/MDI-X configuration transceiver.

## WAN Protocols /Interfaces

- Ethernet interface
- Support 1 Port Ethernet Interface (10/100Mbps) which compliant with IEEE 802.3x standards.
- 10/100 Mbps auto selection
- Ethernet ports support Automatic MDI/MDI-X configuration transceiver.

## Environment

- Operating Temperature: 0°C~40°C
- Storage Temperature: 0°C~60°C
- Operating Humidity: 10%~85% RH
- Storage Humidity: 10%~90% RH

Dimension : 116X91X30mm

