

SOUNDWIN SA200/SA110 Analogue Telephone Adaptor

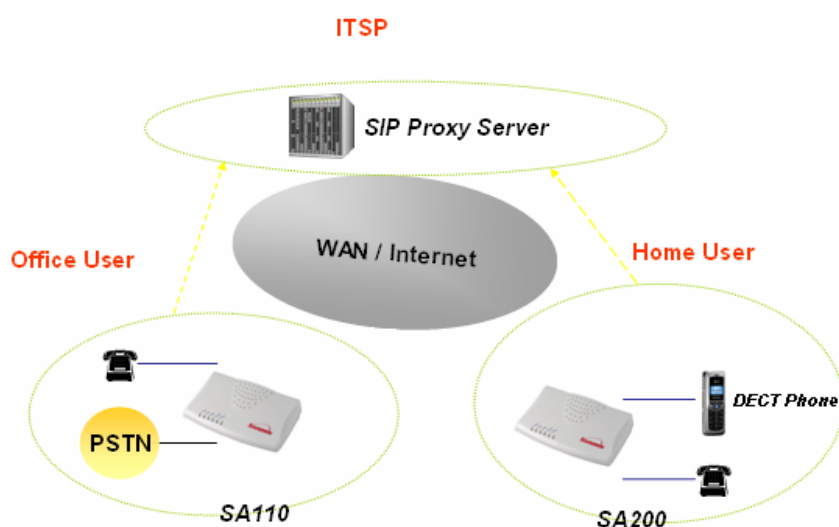


The Soundwin SA200/SA110 Analogue Telephone Adaptor is equipped with two telephone jacks to connect your existing phones or fax machines. Each phone jack operates independently, with separate Internet Telephone Service and phone numbers. With an appropriate Internet telephone service provider, you'll get clear telephone reception and reliable fax connection, even while using the Internet at the same time for normal data operations.

The Soundwin Telephone Adapter is compatible with these and all of the other special telephone features that are available from your telephone service provider, such as Call Transfer, Call Waiting, Call Forwarding etc. Otherwise Soundwin's Analogue Telephone Adaptor supports iLBC so that basic voice quality is higher than G.729A, high robustness to packet loss.

Application Scenario:

The following application was use in ITSP Application



Telephony Specification:

- ☒ Voice Codec: iLBC (internet Low Bitrate Codec), G.711(A-law / μ -law), G.729 AB, G.723 (6.3 Kbps / 5.3Kbps), G.276 (16,24,32,40 Kbps)
- ☒ FAX support : T.38 FAX Relay, G.711 Fax pass-through
- ☒ Call Waiting
- ☒ Call Hold/Resume
- ☒ Call Transfer: Blind Transfer / Attended Transfer
- ☒ Call Forward: On Busy Forward / No Condition forward / No Answer Forward

- ☒ Call Screen: Incoming Call Screen (Reject or Forward Incoming Call) / Outgoing Call Screen (Blocking Outgoing Call)
- ☒ Multi-Line Appearance
- ☒ DTMF Relay : In-band DTMF Relay / Out-of-band DTMF Relay (RFC2833)
- ☒ 3-Way Conference
- ☒ Peer-to-Peer SIP Call by Dial Plan

🔴 IP Specifications:

- ☒ SIP (RFC 3261) , SDP (RFC 2327), Symmetric RTP, STUN (RFC3489), ENUM (RFC 2916), RTP Payload for DTMF Digits (RFC2833), Outbound Proxy Support
- ☒ LAN :NAT, DHCP Server
- ☒ WAN: PPPoE client, DHCP client, Fix IP Address
- ☒ Network Address Translation: Providing build-in NAT router function.
- ☒ Static Routing
- ☒ Virtual Server
- ☒ QoS: IP TOS (IP Precedence) / DiffServ

🔴 Call Features

- ☒ Adjustable volume : - 9 db ~ 9 db
- ☒ VAD (Voice Activity Detection)
- ☒ Dynamic Jitter Buffer
- ☒ CNG (Comfort Noise Generation)
- ☒ Lost Packet Concealment
- ☒ Caller ID Generation: DTMF CID / Bellcore CID / ETSI CID / NTT CID Generation
- ☒ Peer to Peer Call by Dial Plan

🔴 Configuration & Management

- ☒ Web-based Graphical User Interface
- ☒ Remote management over the IP Network
- ☒ Web-based firmware upgrade
- ☒ Backup and Restore Configuration file
- ☒ Auto Provision
- ☒ SNMP v1/v2

🔴 General Specification

- ☒ AC power : AC100V-240V, DC12V/1.5A,50/60 Hz
- ☒ Temperature: 0°C ~ 40°C (Operation)
- ☒ Humidity: up to 90% non-condensing
- ☒ Emission: FCC Part 15 Class B, CE Mark
- ☒ RoHS Compliant
- ☒ Dimension : 170 x 100 x 35 mm
- ☒ Weight: 200g

SA200/SA110 Analog Telephone Adaptor

	SA200	SA110
<i>Ethernet Port</i>	1 WAN + 1LAN	1 WAN + 1LAN
<i>Telephony Interface</i>	2x RJ-11	2x RJ-11
<i>FXS</i>	2	1
<i>PSTN Line</i>		1
<i>SIP(RFC3261)</i>	✓	✓
<i>QoS</i>	✓	✓
<i>NAT Traversal</i>	✓	✓
<i>Echo Cancellation</i>	✓	✓
<i>G.711 a/μ law</i>		
<i>G.723, G729</i>		
<i>G.726, iLBC</i>	✓	✓
<i>T.38 / G.711 Fax Pass Through</i>	✓	✓
<i>NAT Router</i>	✓	✓

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