



S100/ S102 VoIP Phone

Integrating PSTN call into VoIP Phone!



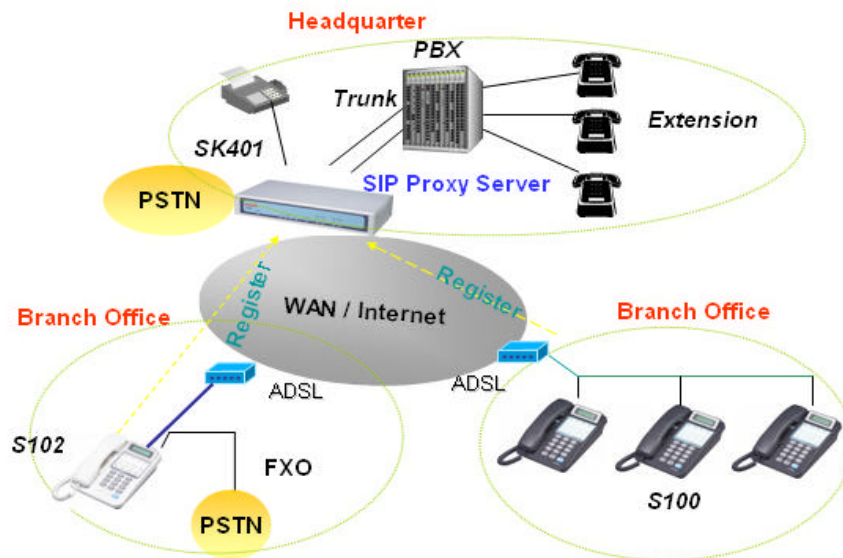
The Soundwin's VoIP Phone supported SIP protocol and equipped with an integrated FXO port for PSTN connectivity. This feature provides user can transfer to answer call from PSTN when using IP call. This unique feature lets user never missed any call from IP calls or PSTN calls especially for business call or emergency call. Otherwise the S102's FXO interface supports operation of termination and origination by PSTN line. Soundwin IP Phone provides high voice quality and optimized packetvoice streaming over IP networks.

S100	S102	Key Features
	*	Answer PSTN Call: Holding VoIP call and answer the PSTN call.
	*	Four (4) Lines with Independent Configuration and Registration. (Optional)
	*	Manual Select Call Route: User can select call route by VoIP or PSTN route.
	*	Voice Mail: User can play the voice message leaved by caller.
	*	FXO Operation: FXO support Origination or Termination by PSTN line.
	*	Life Line support: IP Phone switch to PSTN call automatically when Power is off.
	*	Provides Essential Features: Call Transfer, Call Waiting, Call Forward,
*	*	Call History (Incoming calls / Outgoing calls / Missing calls), Phone Book



Application Scenario:

The following application was used in Multi-Office as an example:



IP Specifications:

- ☒ SIP (RFC 3261), SDP (RFC 2327), Symmetric RTP, STUN (RFC3489), ENUM (RFC2916), RTP Payload for DTMF Digits (RFC2833), Outbound Proxy Support.
- ☒ Inter-Asterisk EXchange version 2 (Optional).
- ☒ WAN: PPPoE client, DHCP client, Fix IP Address, Dynamic DNS client
- ☒ Network Address Translation: Providing build-in NAT router function (Optional)
- ☒ Smart QoS: Guarantee the voice quality.

Call Features

- ☒ Provides Essential Features: Phone Book, Call Transfer, Call Forward, Call History (Incoming calls / Outgoing calls / Missing calls)
- ☒ Hand free Speaker Phone
- ☒ Speed Dialing
- ☒ IP address Call / Domain Name Call
- ☒ Voice Codec : G.711(a-law / μ -law), G.723(6.3Kbps/5.3Kbps), G.729AB (8Kbps)

Configuration & Management

- ☒ Key and LCD configuration (2x16 characters LCD)
- ☒ web-based Graphical User Interface
- ☒ Remote management over the IP Network
- ☒ FTP firmware upgrade

General Specification

- ☒ AC power : AC100V-240V, DC9V /1A, 50/60 Hz
- ☒ Temperature: 0°C ~ 40°C (Operation)
- ☒ Humidity: up to 90% non-condensing
- ☒ Emission: FCC Part 15 Class B, CE Mark
- ☒ Weight: 735g



S100 Series VoIP Phone Catalogue

	S100	S102
<i>Ethernet Interface</i>	1 WAN + 1 PC	
<i>FXO port</i>		1
<i>SIP(RFC3261)</i>	*	*
<i>STUN Client</i>	*	*
<i>Symmetric RTP</i>	*	*
<i>Outbound Proxy Server</i>	*	*
<i>Call History</i>		*
<i>Phone Book</i>	*	*
<i>Life Line</i>		*
<i>Call Transfer/Forward/Hold</i>		*
<i>Acoustic Echo Cancellation</i>	*	*

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