



S100/S102/S112 VoIP Phone

Integrating PSTN call into VoIP Phone!



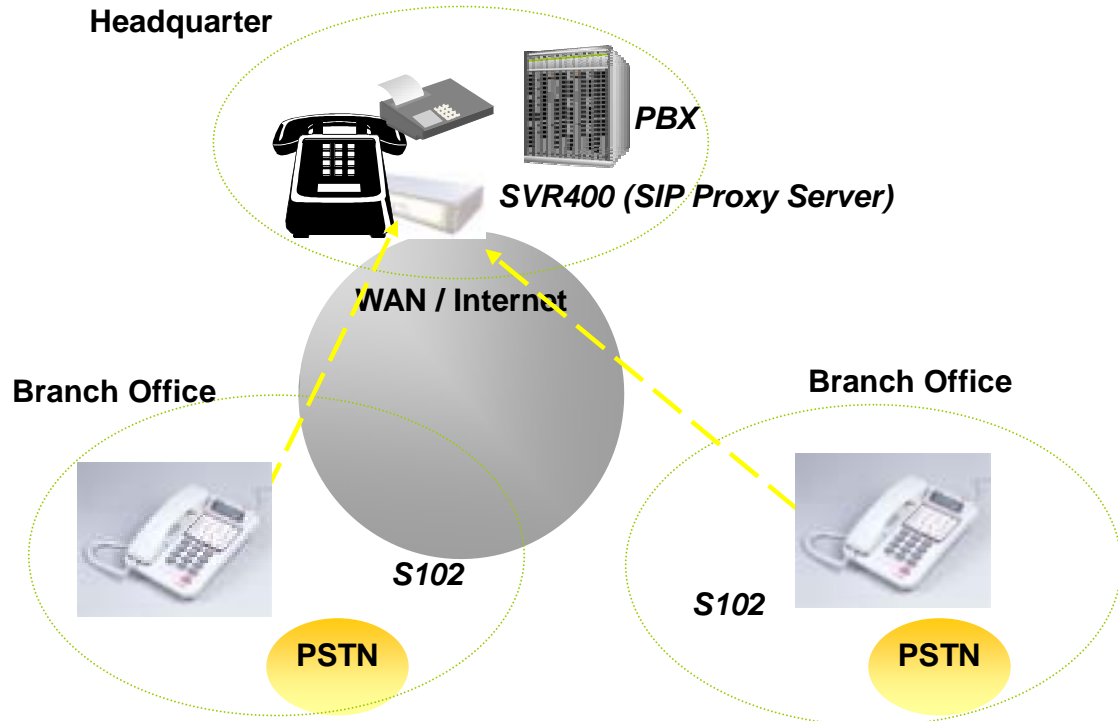
The Soundwin's VoIP Phone supported SIP protocol and equipped with an integrated FXO port for PSTN connectivity. This feature provides user can transfer to answer call from PSTN when using IP call. This unique feature lets user never missed any call from IP calls or PSTN calls especially for business call or emergency call. S112 IP phone provides USB interface to plug in wireless module and become an Wi-Fi phone to call VoIP calls without RJ-45 cable. Soundwin IP Phone provides high voice quality and optimized packet voice streaming over IP networks.

S100	S102	S112	Key Features
	*	*	Answer PSTN Call : Holding VoIP call and answer the PSTN call.
*	*	*	Four (4) Lines with Independent Configuration and Registration.
	*	*	Manual Select CallRoute : User can select call route by VoIP or PSTN route.
	*	*	Voice Mail : User can play the voice message leaved by caller.
	*	*	Life Line support : IP Phone switch to PSTN call automatically when Internet failed or Power is off.
		*	USB Interface for wireless module : The IP phone build in a USB host interface for connecting wireless module.
*	*	*	Provides Essential Features: Phone Book, Call Transfer, Call Waiting, Call Forward, Call History (Incoming calls / Outgoing calls / Missing calls)



Application Scenario:

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



IP Specifications:

- ☒ SIP (RFC 2543/3261) , SDP (RFC 2327), Symmetric RTP, STUN (RFC3489), ENUM (RFC 2916)
- ☒ 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 Waiting, Call Forward, Call History (Incoming calls / Outgoing calls / Missing calls)
- ☒ Hand free Speaker Phone
- ☒ Speed Dialing
- ☒ IP address Call
- ☒ Voice Codec : G.711(a-law / u-law) , G.723(6.3k/5.3k) , G.729A/B

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 ~ 45°C (Operation)
- ☒ Humidity: up to 90% non-condensing
- ☒ Emission: FCC Part 15 Class B, CE Mark



- ☐ Telephone Safety : FCC Part 68
- ☐ Weight: 735g

S100 Series VoIP Phone Catalogue

	S100	S102	S112
<i>Ethernet Interface</i>	1 WAN + 1 PC		
<i>FXO port</i>		1	1
<i>USB interface</i>			1
<i>SIP(RFC3261)</i>	*	*	*
<i>IAX2</i>	Option	Option	Option
<i>STUN</i>	*	*	*
<i>Symmetric RTP</i>	*	*	*
<i>Outbound Proxy Server</i>	*	*	*
<i>Call History</i>	*	*	*
<i>Phone Book</i>	*	*	*
<i>Call Transfer/Forward/Hold</i>	*	*	*
<i>Acoustic Echo Cancellation</i>	*	*	*

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