

## Datasheet

### Akuvox SP-R52P

#### *Cost-effective business phone with HD voice*

Akuvox SP-R52P brings high-quality, cost effective solution to front line staff handling moderate volume of calls through advanced telephony features. The intuitive user interface of the Akuvox SP-R52P makes navigation easy and requires minimal training.



- HD Voice
- Up to 2 SIP Accounts
- 2.3" 132\*64 Graphical LCD with Backlight
- Support 3-way Conference
- Support PoE
- Fully Compatible with Asterisk, BroadSoft Platform

#### Phone Features

- 1 Line (Support 1 SIP account)
- Support Call Waiting, Call Forward, Call Transfer
- Call on Hold, Mute, Auto-answer, Redial, DND
- Local 3-Way Conference
- Volume Adjustable, Ring tones Selectable
- Speed Dial, Hotline
- Multicast Paging
- Daylight Saving Time
- Country Ringtone Signal
- Direct IP call
- Auto Redial, Call Return
- Dial Plan
- XML Browser
- Action URL/URI
- Phonebook (500 entries), Blacklist (100 entries), Call logs (100 entries)
- 5 Remote Phone Book URL Supported
- LDAP
- Multi-Language Support

#### IP-PBX Features

- SMS, MWI
- Music on hold, Intercom
- BLF(Busy Lamp Field)
- Call Pickup, Group Call Pickup
- Hot Desking
- Call Recording
- Call Completion
- Anonymous Call, Anonymous Call Rejection

#### Audio Features

- HD Voice: HD Handset, HD Speaker
- Wideband Codec: G.722
- Narrowband Codec: PCMA, PCMU, G.729, G723\_53, G723\_63, G726\_16, G726\_24, G726\_32, G726\_40
- VAD, CNG, Echo Cancellor
- PLC, AJB, AGC
- Full-Duplex Hands-free Speakerphone with AEC

#### Administration Features

- Auto provisioning using FTP/TFTP/HTTP/HTTPS/PnP
- Dial through IP PBX Using Phone Number
- Dial through IP PBX Using URL Address
- Configuration Managements with Web, Keypad on the phone, and Auto Provisioning
- SNMP
- TR069
- Package Tracing Export, System Log

#### Security Features

- Support HTTPS (SSL)
- Support SRTP for Voice Data Encryption
- Support Login for Administration
- OpenVPN, IEEE802.1X
- Digest Authentication Using MD5/MD5-sess
- AES Encryption for Configuration file
- Keypad Lock
- Prevent SIP Hacking
- SIP Over TLS

#### Network Features

- SIP V1(RFC2543), V2(RFC3261)
- Fully Compatible with Asterisk, BroadSoft Platform
- QOS
- Route Mode
- LLDP
- NAT Transverse: STUN Mode
- Static IP/DHCP for IP configuration, pppoe
- 3 DTMF modes: In-Band, RFC2833, SIP INFO
- HTTP/HTTPS Web Server for Management
- Proxy Mode and Peer-to-peer SIP Link Mode
- NTP for Auto Time Setting
- UDP/TCP/DNS-SRV(RFC 3263)
- TFTP/FTP/HTTP/HTTPS Protocols
- 802.1Q VLAN

#### Physical Features

- Audiocodes Chipset
- 8M Bytes Flash Memory
- 2.3" 132\*64 Graphical LCD with Backlight
- 34 Keys (with 4 Soft Keys, 10 Programmable keys)
- 1 Voice Mail Light
- 4 LED Lights (1 Power Light, 2 Account Lights and 1 Voice Mail Light)
- 2 RJ45 10/100 Ethernet Ports
- PoE: IEEE 802.3a
- 1\*RJ9(4P4C) Handset Port and 1\*1\*RJ9(4P4C) Headset Port
- AC Power Adapter: Input: AC 100-240V; Output: DC 5V/1A
- Operating Humidity: -10~95%
- Storage Temperature: -10~50°C
- Gift Box Size: 250 x 206 x 109 (mm), weight: 1.19 kg

#### About Akuvox

Akuvox is a leading provider of HD IP Phone and Video Phone for SME, Enterprises and Carriers globally. With experienced R&D team in the field of VoIP and world-class STAR-NET's manufacturing facility, Akuvox produces competitive high quality products.

Akuvox provides excellent customer service with powerful technical support and partners all over the world. Our products have been deployed in more than 50 countries and well received by the customers.