

# SIP / VoLTE Dual Mode IP Phone

A2SV/A2S/A2V



Wi-Fi/4G

A2SV is an innovative 4G dual-mode IP phone, which is applied to 4G environment and supports both standard SIP protocol and carrier VoLTE. It can not only use SIP protocol to deploy enterprise intranet number and PSTN fixed number, but also deploy carrier VoLTE mobile number. For A2SV, the routing function of built-in 4G ethernet port and 4G Wi-Fi hotspots allow users to access 3G/4G data networks while using voice. A2SV is suitable for operators to support their ending customers who need both voice and network, and also suitable for enterprises to apply in internal voice system data network construction, especially for enterprises that need internal voice system and mobile phone number and to use at the same time. A2SV VoLTE mode is not only compatible with most 4G operators' VoLTE systems, but also allows users to experience excellent voice quality. Its SIP mode is not only compatible with common brands of enterprise IP PBX and cloud IP PBX, but also support applications in enterprise voice system.

## Why Choose A2SV IP Phone

### SIP :

- ▶ Support 2 line buttons and 6 SIP accounts, 3-ways conference, support HD voice.
- ▶ Support automatic deployment without unpacking, ATCOM cloud IP terminal management platform (ADMP), support third-party interface management, perfect compatibility with mainstream IP PBX platform

### VoLTE :

- ▶ Support VoLTE voice function
- ▶ Support most of operators' VoLTE system, like China Telecom, China Unicom, China Mobile, Verizon, AT&T, T-Mobile etc

### VoLTE and SIP Dual Mode :

- ▶ Support customized different call modes or combinations
- ▶ Support call waiting and HOLD call feature between VoLTE and SIP

### Network :

- ▶ Support LTE TDD, LTE FDD, WCDMA, TD-SCDMA
- ▶ Built-in 2.4GHz Wifi AP and support routing mode of two 100M Ethernet ports

	A2S	A2V	A2SV
SIP	Yes	No	Yes
VoLTE	No	Yes	Yes
100M Ethernet	2	2	2
2.4G Hz Wi-Fi AP	Yes	Yes	Yes

# A2SV Technical specification

<b>Basic Functions</b>	132*58 graphic character dot matrix with full view of backlight LCD, Local Phonebook (up to 1000 ), Black list, Dialed / Received / Missed / Forwarded call (400 total), Call Center Headsets mode, 10 kinds of ring tone (including own and customized), 8 levels of volume and Mute, Support phone lock, the Administrator / User level access control
<b>VoLTE Basic Function</b>	Call Waiting, Call Hold, Redial, Mute, 3-Ways Conferencing, Speed Dial, Voice Mail
<b>SIP Basic Function</b>	6 SIP accounts, Call Forward, Call Transfer, Call Waiting, Hotline, Call Hold, Auto Answer, Redial, Mute, DND, Speed Dial Local 5-Way Conferencing, , Voice Mail, Local Phonebook (up to 1000 ), Direct IP call without sip proxy, Intercom, Paging, Group pickup, Call pickup, Call park, Anonymous call & call rejection, Hold on music, Conference Call, Call Recording, DND&Call forward state synchronization, LDAP, XML remote phonebook, Action URL, Active URI, CSTA, Multicast paging
<b>SIP Audio Features</b>	Support VAD, CNG, AEC, PLC, Ajb, AGC, Full-duplex speakerphone with AEC, Narrowband codec: G.711(a/μ), iLBC, OPUS, Wideband codec: G.722, L16
<b>SIP Security</b>	TLS, HTTPS, SRTP (RFC3711), Digest authentication using MD5/MD5-sess, AES encryption for configuration files
<b>SIP Management</b>	Configurable through web interface / phone LCD setting
<b>SIP Auto Provisioning</b>	FTP/TFTP/HTTP/HTTPS, DHCP Option 66 or custom Option 128~254, PnP, Redirection Provisioning Service (RPS), TR069, Import/Export CFG file via web, Generate multiple configuration files via tool, Periodic check and update
<b>SIP / VoLTE Dual Mode Features</b>	Support call waiting between SIP call and VoLTE call, Support the design of the programmable line keys and multi-function keys
<b>LTE Features</b>	Support LTE TDD、LTE FDD、WCDMA、TD-SCDM
<b>Wi-Fi Features</b>	Support IEEE 802.11b/g/n, Enhanced support for IEEE 802.11e QoS Support LTE network AP share feature
<b>Ethernet port Features</b>	It has two 100M ethernet ports and support routing function in 3G & 4G network for each ports.
<b>Physical</b>	Power Interface: DC 5V-1A, 2x RJ45 ports, 1x RJ9 headphone jack, 1x RJ9 handset jack, 1 status indicator, 2 line keys, 3 soft keys, 5 navigation keys, 2 volume keys, 7 function keys (menu, cancel, hold, voicemail, mute, headphone, hands-free), wall mountable
<b>Temperature &amp; Humidity</b>	Operating temperature: -10 ~ 50°C, Operating humidity: 10 ~ 90%
<b>Package</b>	Qty/CTN: 10 PCS, G.W/CTN: 11KG, Unitbox size: 280mm(L) *210mm(W) *78mm(H) Carton Meas: 425mm(L) *415mm(W) *300mm(H)
<b>Certifications</b>	    