

SIP / VoLTE Dual Mode IP Phone

A2SV-PW



A2SV-PW 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-PW, 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-PW 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-PW 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-PW 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

	A2SV-PW	A2SV-P	A2SV-W	A2SV	A2SV-LW	
Ethernet	2 Pcs	2 Pcs	1 Pcs	1 Pcs	No	Notes: If the suffix -S is added to each model in the form, it means that only SIP is supported and VoLTE is not supported, example A2SV-S; If the suffix -V is added it means that only VoLTE is supported, and SIP is not supported; example: A2SV-V.
Wi-Fi	Yes	No	Yes	No	Yes	
SIP	Yes	Yes	Yes	Yes	Yes	
VoLTE	Yes	Yes	Yes	Yes	Yes	

A2SV-PW Technical Specification

Basic Functions	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
VoLTE Basic Function	Call Waiting, Call Hold, Redial, Mute, 3-Ways Conferencing, Speed Dial, Voice Mail
SIP Basic Function	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
SIP Audio Features	Support VAD, CNG, AEC, PLC, AJS, AGC, Full-duplex speakerphone with AEC, Narrowband codec: G.711(a/μ), iLBC, OPUS, Wideband codec: G.722, L16
SIP Security	TLS, HTTPS, SRTP (RFC3711), Digest authentication using MD5/MD5-sess, AES encryption for configuration files
SIP Management	Configurable through web interface / phone LCD setting
SIP Auto Provisioning	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
SIP / VoLTE Dual Mode Features	Support call waiting between SIP call and VoLTE call, Support the design of the programmable line keys and multi-function keys
LTE Features	Support LTE TDD、LTE FDD、WCDMA、TD-SCDM
Wi-Fi Features	Support IEEE 802.11b/g/n, Enhanced support for IEEE 802.11e QoS Support LTE network AP share feature
Ethernet port Features	It has two 100M ethernet ports and support routing function in 3G & 4G network for each ports.
Physical	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
Temperature & Humidity	Operating temperature: -10 ~ 50°C, Operating humidity: 10 ~ 90%
Package	Qty/CTN: 10 PCS, G.W/CTN: 11KG, Unitbox size: 280mm(L) *210mm(W) *78mm(H) Carton Meas: 425mm(L) *415mm(W) *300mm(H)
Certifications	 CE: EN 55032:2015/A11:2020 EN IEC 61000-3-2:2019 EN 61000-3-3:2013/A1:2019 EN 55035:2017/A11:2020