

# 6 SIP Accounts Entry–Level Business IP Phone

A21/A26/A20W/A20WAC/A20LTE



Wi-Fi/4G






The 6 SIP accounts A2X series includes 4 models of 100M, Gigabit Wi-Fi, 4G(LTE) & 3G multiple network access modes supporting IPV4/IPV6 protocol. The design conception is based on “Visual operation, Concise style buttons, Superb HD voice quality, Excellent workmanship and Innovative appearance”. It is an entry level but high-quality IP Phone specially designed for business office, which has good compatibility with IP PBX and network. A2x series phone stands out from other entry-level IP phones with its advantaged features like "Excellent Full duplex hands-free voice quality, Wi-Fi stability, higher level encryption method ---ZRTP, 5-way conferencing, fine workmanship of innovative appearance”.

## Why choose A2X series

- ▶ Unique and elegant design, exquisite workmanship, superb appearance
- ▶ Top electro-acoustic design, and professional DSP processing voice capabilities makes the sound quality and audio reached the world top level
- ▶ 3W high-power, full-range speaker and large size sound cavity brings wonderful sound experience for users, which enables them holding small hands free meeting freely
- ▶ Calls by handset or speaker are not affected by electromagnetic waves such as from mobile phone
- ▶ Support local 5-way Conferencing
- ▶ Wi-Fi stability when access to network
- ▶ Wi-Fi access support 2.4GHz(A20W), 2.4GHz and 5GHz(A20WAC), all using 5DB high gain antenna
- ▶ Support 4G(LTE) and 3G access
- ▶ Complete user function, comprehensive network function
- ▶ Convenient deployment, support to do auto provision via local network or internet
- ▶ Power adaptor protection which can avoid machine damage caused by error operation
- ▶ Perfectly compatible with leading IP PBX platform, support the third party interface management

	A21	A26	A20W	A20WAC	A20LTE
PoE	Y	Y	N	N	N
Wi-Fi	N	N	Y( 2.4GHz)	Y( 2.4GHz+5GHz )	N
Gigabit	N	Y	N	N	N
4G(LTE)/3G	N	N	N	N	Y

# A2X Technical Specifications

Basic functions	132*58 graphic character dot matrix with full view of backlight LCD, 6 SIP accounts, Call Forward, Call Transfer, Call Waiting, Hotline, Call Hold, Auto Answer, Redial, Mute, DND, Local 5-Way Conferencing, Speed Dial, Voice Mail, Local Phonebook (up to 1000 ), Direct IP call without SIP proxy, Black list, Dialed/Received/Missed/Forwarded call (400 total), Call Center Headsets mode
Shortcut functions	13 programmable keys, One key to arrive menu, One key to read the phone information, Intelligent search for phonebook, Dial assistant
IP PBX Features	Intercom, Paging, Call pickup, Call park, Anonymous call, Anonymous call rejection, Hold on music, Conference Call, Group pickup, DND&Call forward state synchronization, Call Recording
Mult-language	English, German, Italian, French, Spanish, Portuguese, Russian, Chinese, Traditional Chinese, Polish, Turkish, Hebrew
Advanced Features	LDAP, XML remote phonebook, Action URL, Active URI, CSTA, Multicast paging
Audio Features	10( own ring tone+custom ring tone) article, 8 volume adjustable + Mute mode, Narrowband codec: G.711(a/μ), G.729A/B/AB, G.726, iLBC, Wideband codec: G.722, L16, Support VAD, CNG, AEC, PLC, AJB, AGC, Full-duplex speakerphone with AEC
Network Features	IPv4&IPv6, VIAN, LLDP, CDP, OpenVPN, IEEE 802.1X, STUN NAT Traversal, RPORT. Support QoS(IEEE802.1Q/p VLAN tagging) and layer 3 QoS(ToS,DiffServ,MPLS). SIP connection mode: Proxy mode, Peer to Peer. Support DNS SRV (RFC3263). DTMF: In-band, RFC2833, SIP INFO. HTTP/HTTPS web server. LAN/PC: support bridge mode, Support auto negotiation, Package tracing via PC port. Package tracing export by web. Support DHCP Option12 host name and Option 60 Vendor Class ID. Support syslog
Wi-Fi Features(A20W /A20WAC)	IEEE 802.11b/g/n, Enhanced support for IEEE 802.11e QoS IEEE802.11i (WPA, WPA2) authentication, WPA/WPA2-Enterprise 802.1X EAP-PEAP A20W support 2.4GHz based on 802.11n, A20WAC support 2.4G and 5G based on802.11Ac
4G (LTE) /3G Features(A20LTE)	Support all the 4G(LTE) and 3G standard, But notice that different country might need different module parts.
Security	TLS, HTTPS, SRTP (RFC3711), Digest authentication using MD5/MD5-sess, AES encryption for configuration files, Phone lock, the administrator / user level access control
Management	Configurable through web interface/phone
Auto provision	FTP/TFTP/HTTP/HTTPS, DHCP Option 66 or custom Option 128~254, PnP, Redirection Provisioning Service (RPS), TR069, Import/Export CFG file viaweb, Generate multiple configuration files via tool, Periodic check and update
Physical	Power Interface: DC 5V-0.6A, PoE power supply: IEEE 802.3af Class 2 (A21/A26 only) 2x RJ45 10/100M or 100/1000M adaptive Ethernet ports, 1x RJ9 headphone jack, 1x RJ9 handset jack
Keys Features	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 and Humidity	Operating temperature: -10 ~ 50°C, Operating humidity: 10 ~ 90%
Package	Qty/CTN: 10 PCS, G.W/CTN: 11KG, Giftbox size: 280mm(L) *210mm(W) *78mm(H) Carton Meas: 425mm(L) *415mm(W) *300mm(H)
Certifications	CE: EN60950, EN50332, EN300328 V1.9.1 FCC: Part15, Part15.247     
PBX Compatibility	Broadsoft Asterisk Elastix Trixbox Freeswitch Huawei Avaya Mitel Unify ZTE Epygi