

# 2 SIP Accounts Entry-Level Business IP Phone

A20/A21/A20W






A2X series IP Phone is based on 2 SIP accounts and used in IPv4 or IPv6 environment, it supports a multi-access network, rich network features, easy deployment, a higher level of encryption. In addition, the excellent sound quality, elegant appearance and easy-to-operate brings a perfect user experience. It is an entry-level IP Phone specially designed for business office, suitable for enterprise unified communications.

## Why choose A2X series

- ▶ Modern and elegant design, exquisite workmanship, popular surface shape
- ▶ Topo-electro-acoustic structure design, high-quality electro-acoustic devices, and professional DSP processing voice capabilities makes the sound quality has reached the world's top-one level, and the hands-free with 3W high-power, full-range speaker and large size sound cavity brings wonderful sound experience for personal office, which enables employees holding small hands free meeting freely
- ▶ Calls by handset or speaker are not affected by electromagnetic waves such as mobile phones
- ▶ Rich network functions, which make phone can be compatible well with different network environment
- ▶ Commercial level of WiFi stability provides more ways to access the network
- ▶ Support ZRTP with a higher security level
- ▶ Convenient deployment and maintenance, support to do auto provision via local network or via internet
- ▶ Perfectly compatible with leading IP PBX platform, support the third party interface management
- ▶ Power adaptor protection can avoid machine damage caused by error operation
- ▶ All interfaces are used with more than 3U gold, to avoid affecting the speed and sound quality after a long time-using
- ▶ 3 meters long, durable, non-crimping handset line

Model	A20	A20W	A21
PoE	N	N	Y
WiFi	N	Y	N
Gigabit	N	N	N

# A2X series Technical Specifications

<b>Basic functions</b>	132*58 graphic character dot matrix with backlight LCD, 2 SIP accounts, Call Forward, Call Transfer, Call Waiting, Hotline, Call Hold, Auto Answer, Redial, Mute, DND, Local 3-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
<b>Shortcut functions</b>	14 programmable keys, one key to arrive menu, one key to read the phone information, BLF quick set, Intelligent search for phonebook, dial assistant
<b>IP PBX Features</b>	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
<b>Mult-language</b>	English, German, Italian, French, Spanish, Portuguese, Russian, Chinese, Arabic, Polish, Turkish, Hebrew
<b>Advanced Features</b>	LDAP, XML remote phonebook, Action URL
<b>Audio Features</b>	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
<b>Network Features</b>	IPv4&IPv6,VLAN,LLDP, Open VPN ,NAT transverse,STUN mode. SIP connection mode: Proxy mode, P2P mode, Support DNS SRV (RFC3263). DTMF: In-band, RFC2833, SIP INFO. Support QoS, HTTP / HTTPS web server. LAN / PC: support bridge mode ,Package tracing export by web,package tracing via PC port,Syslog
<b>WiFi Features</b> (A20W only)	IEEE 802.11b/g/n, Enhanced support for IEEE 802.11e QoS IEEE802.11i (WPA, WPA2) authentication, Enterprise edition certification
<b>Security</b>	IEEE802.1X, TLS, HTTPS, SRTP (RFC3711), Digest authentication using MD5/MD5-sess, AES encryption for configuration files, Phone lock,the administrator / user level access control
<b>Management</b>	Configurable through web interface/phone
<b>Auto provision</b>	FTP/TFTP/HTTP/HTTPS, DHCP Option 66,PnP, Remote Provision Service(RPS),TR069, Import/Export CFG file via web,Generate multiple configuration files via tool,Periodic check and update
<b>Physical</b>	Power Interface: DC 5V-1A, PoE power supply: IEEE 802.3af Class 2 (A21 only) 2x RJ45 10/100M or 100/1000M adaptive Ethernet ports, 1x RJ9 headphone jack, 1x RJ9 handset jack
<b>Keys Features</b>	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)
<b>Temperature and Humidity</b>	Operating temperature: -10 ~ 50°C, Operating humidity: 10 ~ 90%
<b>Package</b>	Qty/CTN: 10 PCS, G.W/CTN: 11KG, Giftbox size: 280mm(L)*210mm(W)*78mm(H) Carton Meas: 425mm(L) *415mm(W) *300mm(H)
<b>Certifications</b>	CE: EN60950,EN50332,EN300328 V1.9.1 FCC: Part15,Part15.247     
<b>PBX Compatibility</b>	Broadsoft Asterisk Elastix Trixbox Freeswitch Huawei Avaya Mitel Unify ZTE Epygi