

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-1A, 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 |