

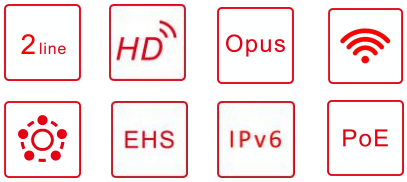
X301W Entry Level Wi-Fi IP Phone

X301W is the cost-effective Wi-Fi IP phone with multi-function. It features a 2.3-inch 128x48 pixel dot-matrix display, supporting 2 SIP lines and local 6-party conferencing to render a user-friendly experience. X301W has rich functions such as HD audio and built-in 2.4GHz &5GHz Wi-Fi, providing an efficient and high-quality business communication experience for enterprises.



Highlights

- ☑ 2.3-inch 128x48 pixel dot-matrix display
- ☑ Support audio codec G.722 and Opus, HD audio on speakerphone and handset
- ☑ Support 6-party local conference
- ☑ Support EHS wireless headset
- ☑ Built-in 2.4GHz&5GHz Wi-Fi, realizing more flexible connectivity
- ☑ Two installation methods of desktop stand and wall mountable



Generic

- 2 SIP Lines
- HD Voice
- PoE Enabled（Optional）
- Built-in 2.4GHz & 5GHz Wi-Fi
- Dot-matrix display screen
- Handset / Hands-free / Headset mode
- Desktop Stand / Wall mountable (optional)
- External Power Supply

Phone Functions

- Local Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP, 1000 entries)
- Call logs (In/Out/Missed, 600 entries)
- Blocked List/Allowed List
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Built-in Wi-Fi
  - 2.4GHz, 802.11 b/g/n
  - 5GHz, 802.11 a/n
- Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support Recording (Through Server)
- Action URL / Active URI
- UaCSTA

Call Functions

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forward(Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (with server)
- 6-way Conference
- Hot Line
- Hot desking

Audio

- HD Voice Microphone/Speaker
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.723.1,G.726,G.729A/B, iLBC
- Wideband Codec: G.722, Opus

- Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- VQM voice quality monitoring

Network

- Physical: 10/100 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6
- IP Configuration: Static IP / DHCP / PPPoE
- Wi-Fi Encryption:WPA /WPA2-PSK /802.X EAP
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPV6
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
- AES128 & AES256

Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

Physical Specifications

- LCD: 128x48 pixel graphical LCD with backlight
- Keypad: 33 keys, including
  - 4 Soft-keys
  - 9 Function keys (Hold/Transfer/Voice message/Conference/Phonebook /MWI/Headset/Redial/Hands-free)
  - 4 Navigation keys
  - 1 OK key
  - 12 Standard Phone Digits keys
  - 3 Volume Control keys (Up/Down/Mute (Microphone))
- Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT.5E Ethernet Cable x1
- Desktop stand x1
- Status Indicator Light x1 (Red)
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- Security Slot x1
- DC Power Input: 5V/ 1A
- Power Consumption(Adapter): 1.21~2.38W
- Power Consumption(PoE):2.11~3.47W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation:
  - Desktop Stand
  - Wall mountable (optional)
- Color: Black
- N.W/CTN: 9kg
- G.W/CTN: 9.72kg
- Device Dimensions:
  - Desktop Stand (45°): 169x201.1x177.4 mm
  - Desktop Stand (50°): 169x191.9x185.8 mm
  - Wall mountable: 169x120.1x213.7 mm
- Gift Box Dimensions: 250x220x55mm
- Outer CTN Dimensions: 460x300x270mm(10 PCS)