

# Axtel

## IP Phone AX-300G



### Enterprise HD IP Phone - Classic Gigabit AX-300G

The user-friendly entry-level AX-300G model is the ideal choice for small-to-midsize businesses. It provides advanced noise reduction and HD audio quality for all users. The affordable AX-300G offers four SIP accounts, a 2.8" back lit display, and five-way conference calling.



[www.axtelphones.com](http://www.axtelphones.com)

## Phone Features

Up to 4 SIP accounts  
Call hold, mute, DND  
One-touch speed dial, hotline  
Call forward, call waiting, call transfer  
Redial, call return, auto answer, direct IP call  
5-way conferencing  
Group listening, SMS, emergency call  
Ring tone selection/provisioning  
Set date time automatically or manually  
Dial plan per account  
RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)  
Action URL/URI

## Voice Codex Features

HD voice, HD handset, HD speaker  
Codecs: iLBC, G.722, G.711(A/μ), Opus  
G.723, G.729AB, G.726-32  
DTMF: In-band, RFC 2833, SIP INFO  
Full-duplex hands-free speakerphone with AEC  
VAD, AGC, CNG, AEC, PLC, AJB

## Directory

Local phonebook up to 1000 entries  
XML/LDAP remote phonebook  
Intelligent search method  
Phonebook search/import/export  
Call history: dialed/received/missed/forwarded  
Black list

## IP-PBX Features

Busy Lamp Field (BLF), bridged Line Appearance(BLA)  
Anonymous call, anonymous call rejection  
Message Waiting Indicator (MWI), voice mail  
Intercom, paging  
Call park, call pickup  
Music on hold  
Hot-desking

## Display and Indicator

192x64 pixel graphical LCD with backlight  
LED for call and message waiting indication  
Illuminated LEDs for line status information  
Intuitive user interface with icons and soft keys  
National language selection  
Caller ID with name, number

## Interface

Dual-port Gigabit Ethernet  
Power over Ethernet (IEEE 802.3af), class 2  
1xRJ9 (4P4C) handset port  
1xRJ9 (4P4C) headset port

## Feature keys

4 line keys with LED  
4 line keys can be programmed up to  
12 various features (4-page view)  
6 feature keys: voice mail, headset, mute,  
speaker, transfer, redial,  
4 context-sensitive "soft" keys  
6 navigation keys, volume control keys  
Speaker key/headset key/mute key

## Physical Features

Stand with 2 adjustable angles  
Wall mountable  
External universal AC adapter (optional) :  
AC 100~240V input and DC 5V/1.2A output  
Power consumption (PSU): 1.8~4.4W  
Power consumption (PoE): 2.3~5.3W  
Operating humidity: 10~95%  
Operating temperature: -10~50°C

## Management

Configuration: browser/LCD-Menu/auto-provision  
Auto provision via HTTP/HTTPS FTP/TFTP  
Auto-provision with PnP  
Reset to factory, restart, reboot  
Local tracing log export, system log  
Phone lock for personal privacy protection

## Network and Security

SIP v1 (RFC2543), v2 (RFC3261)  
SIP server/proxy redundancy  
NAT Traversal: STUN mode  
DHCP/static/PPPoE/IEEE802.1X/open VPN  
HTTP/HTTPS web server  
Time and date synchronization by SNTP  
DNS-NAPTR/DNS-SRV(RFC 3263)  
QoS: 802.1p/Q tagging (VLAN),  
Layer 3 ToS DSCP  
TLS(Transport Layer Security), SRTP, ZRTP  
HTTPS certificate manager  
AES encryption for configuration file  
Digest authentication using MD5/MD5-sess  
IPv6 supported

## Package content

Axtel AX-300G phone  
Handset with handset cord  
Stand  
Quick Reference guide  
Ethernet cable (1,5m Cat 5E)

