

# IP Phone AX-200

Enterprise HD IP Phone- Entry-level IP Phone AX-200



## Key features:

- 1 SIP account
- PoE supply or external power supply
- 2 10/100 Ethernet ports
- 5-way conferencing
- Plug&Play auto provisioning
- RJ9 socket for headset connection
- Wall-mountable

## Description:

The AX-200 desk phone is Axtel's entry-level IP phone - basic, yet offering functionality that does not differ much from the one found in more advanced models. Remarkable efficiency and smoothness of operation encapsulated by solid construction of high quality materials allow complete reliability during continuous use without the worry of mechanical damage. Big, graphical display with backlight provides quick and easy visual access to call and message waiting indications.

Two 10/100 Mbps network ports provides you with ability to connect additional devices, such as laptop or PC, allowing one of them to be used for connection to the local network or power supply utilizing PoE (Power over Ethernet) technology. However, if your office building is not equipped with a new generation switch, you can easily use an optional external power supply.

The AX-200 allows 1 SIP-line registration and up to five-way conference calling. For those who value comfort and prefer hands-free phone calls, there is a RJ9 port for headset connection. The desk phone comes with a convenient desk stand, or can also be mounted on a wall.

The desk phone will do great in public spaces including hotels, thanks to the built-in Kensington Lock slot which provides anti-theft security and nearly automatic introduction guaranteed by the PnP (Plug&Play) technology and a central management point.

This extremely intuitive device with its simplicity and comfort of use will guarantee an absolutely delightful user experience.

## Phone Features

1 SIP account  
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

## Voice Codecs 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

132x48 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

## Feature keys

6 feature keys: mute, headset, message  
transfer, redial, speaker  
4 context-sensitive "soft" keys  
5 navigation keys, volume control keys

## Interface

Dual-port 10/100M Ethernet  
Power over Ethernet (IEEE 802.3af), class 2  
1xRJ9 (4P4C) handset port  
1xRJ9 (4P4C) headset port

## Physical Features

Stand with one angle at 40°  
Wall mountable  
External universal AC adapter:  
AC 100~240V input and DC 5V/1.2A output  
Power consumption (PSU): 1.6~2.6W  
Power consumption (PoE): 2.0~3.2W  
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  
Support SNMP&TR-069  
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