

Yealink AX86R Wi-Fi IP Phone (AX86R)



Product Name: Yealink AX86R Wi-Fi IP Phone (AX86R)

Manufacturer: Yealink

Model Number: AX86R

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The Yealink AX86R is an enterprise portable Wi-Fi IP colour screen phone designed to meet wireless communication needs in demanding environments. Meeting the IP67 protection standard, it provides waterproof, dustproof, and 1.8-metre drop-proof capabilities, and features an antibacterial design that is chemical cleaning resistant — making it ideal for healthcare, manufacturing, warehouses, transportation, and education environments. The AX86R integrates Yealink's Optima HD Audio and Smart Noise Cancellation technology for exceptional audio quality. Equipped with a built-in Bluetooth 5.0 module and dual-band 2.4G/5G Wi-Fi 6 with advanced seamless roaming technology (IEEE 802.11 k/v/r), users can move freely throughout a site. The 3100mAh battery delivers up to 13 hours of talk time and up to 300 hours of standby time (laboratory data). Yealink AX86R Technical Specifications:

Audio Features

- Optimal HD audio: HD handset, HD speaker
- Hearing aid compatible (HAC) compliant
- Acoustic Shield
- Audio codecs: G.722, PCMU (G.711µ), PCMA (G.711A), G.729, G.729A, G.729B, G.729AB, G.726, G.723.1, iLBC
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full-duplex hands-free speakerphone with AEC
- Dual Noise-Cancelling Microphones
- Smart Noise Cancellation Technology
- VAD, CNG, AEC, PLC, AJB, AGC

Display and Indicator

- 2.4" 240x320 TFT colour screen
- Keypad backlight
- Vibration
- Wallpaper and screensaver
- LED for call and message waiting indication
- Multilingual user interface
- Caller ID with name, number, and avatar

Phone Features

- 4 VoIP accounts
- Speed dial, redial
- Call hold, call transfer, call waiting, call forward
- Emergency call
- Mute, DND
- Auto answer
- Hotline
- Recall
- Local 5-way conferencing
- Direct IP call without SIP proxy
- Ring tone selection/import/delete
- Set date and time manually or automatically
- Dial plan, XML Browser, action URL/URI
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

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• Customisable softkey

Peripherals

• Bluetooth headset support: answer/end/mute, redial/call hold/volume adjustment two-way synchronisation

IP-PBX Features

- Anonymous call, anonymous call rejection
- Intercom
- Multicast paging
- Call completion
- Message Waiting Indicator (MWI)
- Call park, call pickup
- Call recording
- Voice mail

Directory

- Local phonebook up to 1,000 entries
- Blocklist
- XML/LDAP remote phonebook
- Google Contacts
- Smart dialling
- Phonebook search/import/export
- Call history: all calls/dialled/received/missed/forwarded

Feature Keys

- 3 soft keys
- 6 function keys: dial, hang up, hands-free, voice message, mute, call transfer
- Navigation key and OK key
- Volume control keys
- Alarm key
- PTT key

Interface

- 1 x 3.5mm headset jack
- 1 x Type-C port

Management

- Configuration: browser/phone/auto-provision
- Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment
- Auto-provision with PnP
- TR-069
- Phone lock for personal privacy protection
- Reset to factory, reboot
- Package tracing export, system log
- Supports Yealink Device Management Platform (YDMP/YMCS)

Network

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- Built-in dual-band Wi-Fi: IEEE802.11a/b/g/n/ac/ax, 2.4 GHz / 5.0 GHz, roaming: IEEE802.11k/r/v
- Built-in Bluetooth 5.0
- IPv4/IPv6
- SIP v1 (RFC2543), v2 (RFC3261)
- Call server redundancy supported
- NAT traversal: STUN mode
- SIP link mode: proxy mode and peer-to-peer
- IP assignment: static/DHCP
- HTTP/HTTPS web server
- Time and date synchronisation using SNTP
- UDP/TCP/DNS-SRV (RFC 3263)
- QoS: Layer 3 ToS DSCP, 802.11e/WMM

Security

- SRTP for voice
- TLS 1.3
- HTTPS certificate manager
- AES encryption for configuration file (AES256)
- Digest authentication using MD5/MD5-sess
- OpenVPN, IEEE802.1X
- WPA, WPA2, WPA3
- Secure Boot
- GARP (Generic Attribute Registration Protocol)

Other Physical Features

- Safe drop height: 1.8 m
- Protection rating: IP67
- Chemical cleaning resistant
- Antibacterial design
- Battery: 3100mAh rechargeable lithium-ion, 3.7V, 11.47Wh
- Talk time: up to 13 hours (laboratory data)
- Standby time: up to 300 hours (laboratory data)
- Operating humidity: 10% - 95%
- Operating temperature: 0 to 40°C (+32 to 104°F)
- Storage temperature: -30 to 70°C
- Power adapter: AC 100-240V input, DC 5V/2A output
- Dimensions (W x D x H): 16.01 x 5.53 x 2.585 cm

Package Contents

- 1 x Yealink AX86R Phone
- 1 x Charger Cradle
- 1 x Rechargeable Battery
- 1 x Belt Clip
- 1 x Quick Start Guide
- 1 x Power Adapter

Price: £102.30