

— 32 SIP ACCOUNTS / MANAGEMENT BUSINESS IP PHONE

A48WAC

The A48WAC is a 32 SIP account management-level business IP phone with a 3.2" colour TFT screen, dual-band Wi-Fi (2.4GHz + 5GHz), Gigabit Ethernet, and PoE support. Built for managers seeking excellent voice quality, Wi-Fi flexibility, and comprehensive enterprise features.

32 SIP Accounts | 3.2" TFT Colour | Wi-Fi 2.4G + 5G | Gigabit + PoE



UNIT — A48WAC

01 OVERVIEW

The ATCOM A48WAC is a flagship of the A48 series — a manage-level, high-quality business IP phone designed for enterprise managers and team leaders. Featuring 32 SIP accounts, a 3.2" TFT colour display, dual-band 802.11ac Wi-Fi (2.4GHz + 5GHz) with 5dB high-gain antenna, 9-way local conferencing, and ZRTP encryption, the A48WAC combines elegant design with top-tier audio performance. With AET colour console expansion, EHS headset support, and broad PBX compatibility, it delivers the full suite of management-level features in a sleek, professional form factor.

02 WHY CHOOSE A48WAC

WHY/01 Elegant Management Design

Unique and elegant design with exquisite workmanship and superb appearance — purpose-built for executive desks.

WHY/02 Dual-Band Wi-Fi (2.4G + 5G)

802.11ac dual-band with 5dB high-gain antenna for strong, stable wireless connectivity across the enterprise.

WHY/03 World-Class Audio Quality

Top electro-acoustic design with professional DSP processing and 3W full-range speaker for crystal-clear calls.

WHY/04 9-Way Local Conferencing

Host up to 9-party conferences directly from the phone — ideal for team meetings and management calls.

WHY/05 ZRTP Voice Encryption

Higher-level call security via ZRTP alongside TLS, SRTP, and HTTPS for complete enterprise-grade protection.

03 KEY FEATURES

DTMF	In-band, RFC2833, SIP INFO
OTHER	STUN NAT Traversal, RPORT, HTTP/HTTPS web server, syslog
◆ 32 SIP accounts, 4 line keys	◆ 3.2" TFT colour LCD, 462×278
◆ Dual-band Wi-Fi 2.4GHz + 5GHz (802.11ac)	◆ 5dB high-gain Wi-Fi antenna
◆ Gigabit dual Ethernet + PoE	◆ 9-way local conferencing
◆ 8 DSS keys (BLF/BLA support)	◆ AET colour expansion module supported
◆ EHS headset (Jabra, Sennheiser, Plantronics)	◆ ZRTP + TLS + SRTP encryption
◆ 24 programmable keys	◆ Auto provision (PnP, RPS, TR069)

04 TECHNICAL SPECIFICATION

DISPLAY & BASIC

DISP

SCREEN	3.2" TFT LCD, 462×278 pixels, colour, full view
SIP ACCS	32 SIP accounts
CONF	Local 9-Way Conferencing
PHONEBOOK	Local up to 1,000 contacts
CALL LOG	400 total (dialed/received/missed/forwarded)
EXT MODULE	Colour AET expansion console supported
EHS HEADSET	Jabra, Sennheiser, Plantronics

KEYS

KEY

STATUS IND.	1 Status Indicator
LINE KEYS	4 Line keys
SOFT KEYS	4 Soft keys
NAV KEYS	5 Navigation keys
FUNC KEYS	8 Function keys (Menu, Cancel, Hold, Voicemail, Mute, Headset, Hands-free)
BLF KEYS	8 BLF DSS keys
PROG KEYS	24 programmable keys total

CALL FEATURES

CALL

BASIC	Call Forward, Transfer, Waiting, Hold, Auto Answer, Redial, Mute, DND
CONF	Local 9-Way Conferencing, Speed Dial, Voice Mail, Hotline
IP PBX	Intercom, Paging, Call Pickup, Call Park, Anonymous Call, Call Recording
GROUP	Group Pickup, DND & Call Forward State Synchronization

AUDIO FEATURES

AUD

CODECS NB	G.711(a/μ), G.729A/B/AB, G.726, iLBC
CODECS WB	G.722, L16
FEATURES	VAD, CNG, AEC, PLC, AJB, AGC, Full-duplex speakerphone with AEC
RINGTONES	10 (own + custom), 8-level volume adjustable
SPEAKER	3W high-power full-range speaker

WI-FI FEATURES

WIFI

BAND	Dual-band: 2.4GHz (802.11n) + 5GHz (802.11ac)
ANTENNA	5dB high-gain antenna
QOS	IEEE 802.11e QoS enhanced support
SECURITY	IEEE 802.11i, WPA/WPA2-Enterprise, 802.1X EAP-PEAP

NETWORK FEATURES

NET

IP	IPv4 & IPv6, VLAN, LLDP, CDP, OpenVPN, IEEE 802.1X
QOS	IEEE 802.1Q/p VLAN tagging, Layer 3 QoS (ToS, DiffServ, MPLS)
SIP	Proxy mode, Peer-to-Peer, DNS SRV (RFC3263)
DTMF	In-band, RFC2833, SIP INFO
OTHER	STUN NAT Traversal, RPORT, HTTP/HTTPS web server, syslog

SECURITY

SEC

PROTOCOL	TLS, HTTPS, SRTP (RFC3711), ZRTP
AUTH	Digest authentication MD5/MD5-sess
ENCRYPT	AES encryption for configuration files
ACCESS	Phone lock, Admin/User level access control