Yealink MeetingBar A25 Datasheet

All-in-One Android Video Collaboration Bar for Focus Rooms

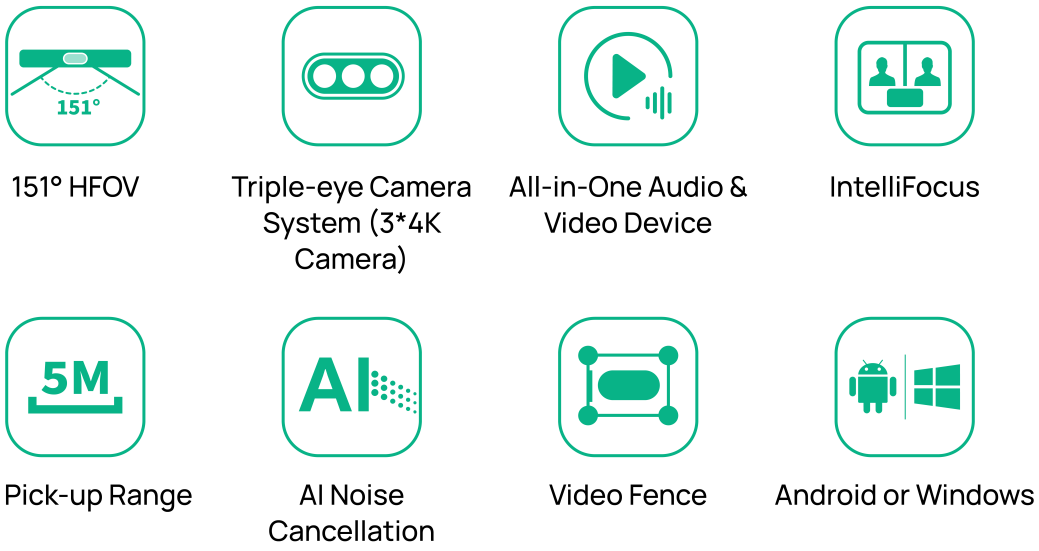
Yealink MeetingBar A25 is an all-in-one video collaboration bar for focus rooms. It is equipped with an advanced triple-camera system and offers a 151° ultra-wide field of view and a high-definition image. It also integrates a high-quality loudspeaker and an 8x MEMS microphone array. Its built-in intelligent noise reduction technology delivers a superior audio experience for meetings

Yealink MeetingBar A25 is built on the Android 13 operating system and will continue to receive future upgrades, ensuring users have access to the latest features and enhancements. In addition, it is compatible with Microsoft's MDEP, which enhances security and deployment experiences. This integration provides users with a more secure environment and streamlined deployment processes, contributing to a smoother and safer user experience.

Moreover, Yealink MeetingBar A25 features a direct connection to CTP25, enabling a simplified login process. This streamlined login experience saves users time and enhances convenience.



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Key Features and Benefits

- An advanced triple-camera system
- High-quality audio pickup experience
- Compatible with Microsoft's MDEP
- Multi-Platform Flexibility
- Simple deployment
- Remote device management

An Advanced Triple-camera System

The advanced triple-camera system achieves a 151° ultra-wide field of view, enabling capture of all attendees in Focus Rooms. At the same time, it provides high-definition portrait close-ups, capturing every detail of interaction and enhancing the meeting viewing experience for remote participants.

High-quality Audio Pickup Experience

The Yealink MeetingBar A25 features a 5-meter voice pickup range, integrating a high-quality loudspeaker, 3-meter full-duplex technology, and an 8x MEMS microphone array, which delivers exceptional sound playback and voice pickup performance. Its built-in intelligent noise reduction technology ensures a superior audio experience for meetings.

Compatible with Microsoft's MDEP

Yealink MeetingBar A25 is compatible with Microsoft's MDEP, which enhances security and deployment experiences. This integration provides users with a more secure environment and streamlined deployment processes, ultimately enhancing the overall user experience.

Simple Deployment

Yealink MeetingBar A25 features a direct connection to CTP25, enabling a simplified login process. Only need to log in once. This streamlined login experience saves users time and enhances convenience.

Multi-Platform Flexibility

Yealink MeetingBar A25 supports native Teams Rooms, Zoom Rooms, etc. Additionally, it supports BYOD. In BYOD mode, MeetingBar A25 can serve as video and audio peripherals for your computer in meetings via third-party applications.

Remote Device Management

The Yealink MeetingBar A25 is networked and reports to the device management platform, allowing for remote management, configuration, and upgrades.

Specifications

Parameter	Description
Operating System	• Android 13 • Based on the Microsoft Device Ecosystem Platform (MDEP)

Camera	• Number of cameras: 3
	• Lens FOV
	  ○ 1x Ultra-Wide Camera: DFOV 182°, HFOV 151°, VFOV 81°
	  ○ 2x Tele Camera: DFOV 93.5°, HFOV 84.4°, VFOV 53.1°
	• Maximum pixels: 3 * 4k Cameras, all with 8MP image sensors
	• Number of preset positions: 9
	• Depth of field: 0.4-2.5 meters
	• Maximum resolution: 3840 * 2160
	• Maximum frame rate: 30fps
	• Video output resolution: 4k (2160p) 30fps, 1080p60fps
	• Privacy cover: Electric lens cap
	• Electronic gimbal
	• Lens calibration
	• Intelligence Features
	  ○ IntelliFocus (2 portraits)
	  ○ Auto Framing
	  ○ Speaker Tracking
	  ○ Picture in Picture
	  ○ Video Fence
	  ○ Smart Gallery (Zoom Rooms only)

Speaker	• Built-in a 10W speaker
	  ○ Rated power: 10W
	  ○ Maximum power: 12W
	• Maximum sound pressure level: 90dBSPL 10W@1m
	• Frequency response: 100-16kHz

	• Sensitivity: 86dB SPL @ 1W @ 0.5 meter • Sampling rate: 48kHz • Sound emission angle: Forward-facing • Total Harmonic Distortion (THD): at 10W, 1kHz, ＜5% • Rated impedance: 4 ohms
Microphone	• Built-in 8 MEMS microphone array • 5-meter pickup distance, 3.5-meter high-quality pickup distance • Signal-to-noise ratio: 72dB@1kHz • Maximum sound pressure level: 130dBSPL (whole device), 100dBSPL (individual microphone) • Dynamic range: 28-100dBSPL • Sensitivity: -38dBV/pa • Frequency response: 100-20kHz • Sampling rate: 48k32bit • Bit depth: 32-bit • Audio processing: Full duplex, AEC (Acoustic Echo Cancellation), AGC (Automatic Gain Control) • Noise suppression: AI-enhanced noise suppression • Expansion Mics: not supported
Resolution	• Lens Resolution: up to 4k30fps • Bandwidth requirement: 10Mbps or more
Content sharing	• Teams: 1080P30fps in meeting, 4k30fps in local sharing • Zoom: up to 1080p30fps • General Mode (BYOM): up to 4k30fps • RingCentral: 1080p30fps • H.323/SIP: 1080p30fps
Video Codec	H.264 High profile, H.264 SVC, H.264
Audio Codec	• ARES: 24kHz bandwidth • G.722.1C: 16kHz bandwidth • G.722.1: 8kHz bandwidth • G.722: 8kHz bandwidth • G.711 (PCMA/PCMU): 4kHz bandwidth • G.729: 8kHz bandwidth
Security	• Full Disk Encryption: AES-128, AES-256 • Data Encryption: Symmetric Keys, PKI • Device Identity: Protected by device attestation • Device Access: Authenticated using API • Key Protection: Arm TrustZone, RPMP
Communication standard protocol	• H.323/SIP in General Mode • Dual stream protocol: H.239 (H.323) / BFCP (SIP) • FECC: H.224/H.281 • H.323 protocol suit: H.245, H.225, H.235, H.241 • Gatekeeper account and SIP account

Network Protocol	• Wi-Fi 6
	  ◦ 2.4G & 5G dual-band, 802.11a/b/g/n/ac/ax
	  ◦ 2x2 MIMO
	• Bluetooth 5.1
	• TCP/IP (IPv4/IPv6), DHCP/static IP
	• HTTPS secure web access

Configuration Management	• Automatic configuration via web page/display/AutoP • Firmware upgrade, factory reset • Configuration import and export • System log export
Device Management	• Yealink Https Web Portal • Yealink Device Management Platform • Yealink Management Cloud Service • Microsoft Device Management Platform(Microsoft Teams Admin Center/ Intune) • Zoom Device Management
Installation	• Wall mount (provided with the product) • Use TV Mount (additional: purchase VB-TVMount-01, VCS-TVMount-02 or TV-Clip Mount) • Place on the desktop (additional: purchase VB-TabletopMount-01)

Ports	• 1x USB2.0 Type-A port
	• 1x USB2.0 Type-C port（side）
	• 1x USB3.0 Type-C port
	  ◦ video input supports formats up to maximum 4K30 fps, including 1080P60fps（content sharing）
	  ◦ video output supports formats up to 1080P30fps（BYOM）
	• 1x Ethernet port: 10/100/1000Mbps
	• 1x Yealink VCH port (RJ-45)
	• 1x HDMI-out port
	  ◦ video output supports formats up to maximum 4k30fps, including 1080p60fps
	  ◦ supports HDMI CEC
	• 1x 3.5mm Line-out port
	• 1x Power port
	• 1x Security lock slot
	• 1x Reset slot

Package	• MeetingBar A25
	• Power adapter, 3.5m/11.48ft
	• 1x HDMI cable, 1.8m/5.91ft
	• 1x Network cable, 3m/9.84ft
	• 1x USB A to C cable, 3.0m/9.84ft
	• Wall Mount
	• Cable cover
	• MeetingBar A25 quick start guide
	• Optional Package
	  ◦ A25-010: A25+VCR11+USB C to C cable (1.8m/5.91ft)
	  ◦ A25-031: A25+CTP25 Package (CTP25, 2m/6.56ft 65W PD power adapter, 7.5m/24.6ft Network cable, 1.2m/3.94ft USB C to C cable, High stand, Cable management cover)

Environmental Factor	• Operating humidity: 10 - 95% • Operating temperature: 0 - 40°C • Storage temperature: -30°C~70°C • BTU/hr: 38 in idle, 58 in meeting
Dimensions and weight(W × D × H)	• MeetingBar A25: 570x80x65 mm • N.W/CTN: 3.812kg • G.W/CTN: 4.290kg

Warranty	• Standard: 2-year limited hardware warranty included • Extended: Additional extended warranties are available at the time of hardware purchase. Contact your reseller.

MeetingBar Kit

Meeting Room Type	Model	Kit Contain	Related Topic
Focus & Huddle Room	A25-010	MeetingBar A25+USB C to C cable+VCR11	MeetingBar A25
Focus & Huddle Room	A25-031	MeetingBar A25+CTP25	MeetingBar A25