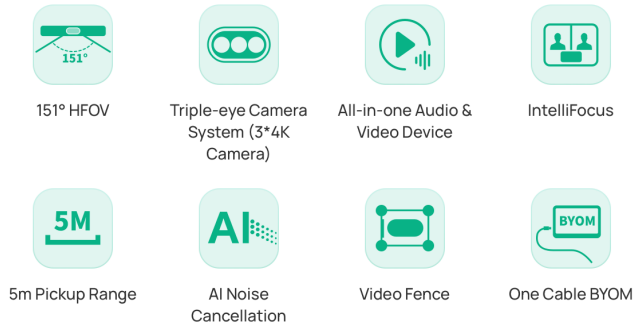
Yealink A25-BYOM Datasheet

All-in-One Video Collaboration Bar for Focus Rooms

A25-BYOM is an all-in-one video collaboration bar built for focus rooms. It comes with an advanced triple-camera system that provides a 151° ultra-wide field of view and high-definition imaging. It integrates a high-quality loudspeaker, an 8× MEMS microphone array, and intelligent noise reduction for professional meeting audio.
The integrated design allows quick and easy deployment: just power on, connect to the network, and use immediately. An automatic lens cover ensures reliable privacy protection.
Operation is simplified via one USB-C cable to a PC, enabling smooth and flexible BYOM usage





Key Features and Benefits

- An advanced triple-camera system
- High-quality audio pickup experience
- One Cable USB-C
- Advanced AI features
- 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 that capture every detail of the interaction and enhance the meeting viewing experience for remote participants.

High-quality audio pickup experience

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

One Cable USB-C

A25-BYOM makes meetings incredibly convenient: connect one USB-C cable to a PC, and seamless BYOM functionality is enabled.

Advanced AI Features

Beyond standard auto-framing and active speaker tracking, A25-BYOM is equipped with IntelliFocus, which

automatically detects active speakers, intelligently frames each participant, and delivers clear individual views via multi-stream output. The Video Fence feature identifies and blocks visual distractions in the background, maintaining a clean, focused, and professional meeting presentation at all times.

Remote Device Management

A25-BYOM is networked and reports to the device management platform, allowing for remote management, configuration, and upgrades.

Specifications

Parameter	Description

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: 30 fps
	• Video output resolution: 4K (2160P) 30fps, 1080P60fps
	• Privacy cover: Electric lens cap
	• Electronic gimbal
	• Lens calibration
	• Intelligence Features
	  ○ IntelliFocus(2 potraits)
	  ○ Auto Framing
	  ○ Speaker Tracking
	  ○ Picture in Picture
	  ○ Video Fence

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	up to 4K30fps
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

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
Installation	• Wall mount（provided with the product) • Use TV Mount （additional: purchase VB-TVMount-01, VB-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）
	• 1xUSB3.0 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 4K30 fps, including 1080P60fps
	  ◦ supports HDMI CEC
	• 1x 3.5mm Line-out port
	• 1x Power port

	• 1x Security lock slot • 1x Reset slot
Package	A25-BYOM • Power adapter, 3.5m/11.48ft • HDMI cable x1,1.8m/5.91ft • Network cable x1,3m/9.84ft • USB A to C cable x1, 3.0 m/9.84ft • USB-C to C cable x1, 1.8 m/5.91ft • Wall Mount • Cable cover • Quick start guide • VCR11 Remote
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)	• A25-BYOM：660*185*190 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.

Comparison of Main Functions

Parameter	A25-BYOM	MeetingBar A25
Touch Console	Not supported	Support CTP25
Wired Content Sharing	Direct USB-C Connection	• Direct USB-C Connection • VCH51 Pro • CTP25
Wireless Content Sharing	✗AirPlay ✗MiraCast ✗WPP30 ✗PA20 ✓YeaCast PIN	✓AirPlay ✓MiraCast ✓WPP30 ✓PA20 ✓YeaCast PIN
Custom Background	Supported in General Mode	Supported in General Mode
Rooms	General Mode（BYOM）	• Teams Rooms • Zoom Rooms • Ringcentral Rooms • General Mode（BYOM）
USB Mode	✗	✓