

MeetingBar A40 Datasheet

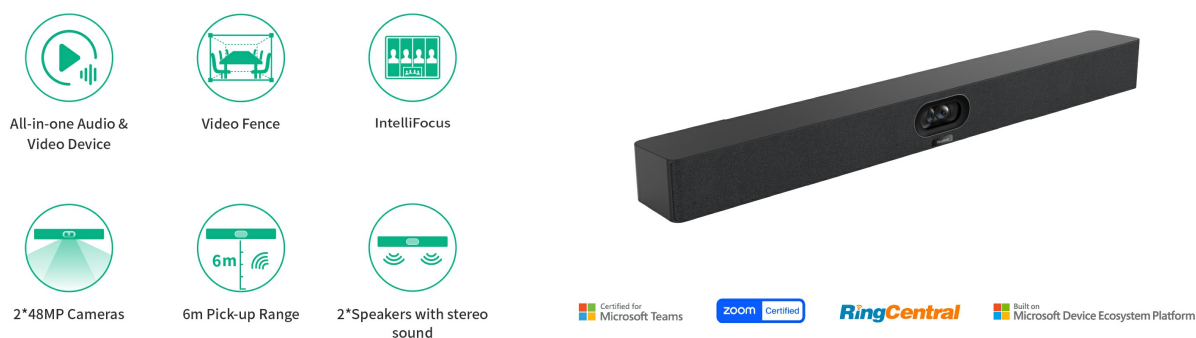
All-in-One Android Video Collaboration Bar for Small to Medium Rooms

Yealink MeetingBar A40 is an all-in-one video collaboration bar for premium small-to-medium rooms. It will combine the images from two 48MP lenses, present a higher pixel picture, and deliver clearer image quality. It also features built-in 2 stereo speakers, 8x MEMS microphone array, and supports 2 additional expansion microphones*. The intelligent noise reduction technology provides a good audio experience.

Yealink MeetingBar A40 allows for the upgrade to the latest Android operating system, Android 13, and will continue to receive future upgrades. It can ensure that users can enjoy the latest features and improvements as they become available. 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 A40 features a direct connection to CTP25, enabling a simplified login process. This streamlined login experience saves time and improves convenience for users.

* Support 2x expansion microphones: Optional



Key Features and Benefits

- Ultra HD picture quality *
- High-quality audio pickup experience *
- Compatible with Microsoft's MDEP
- Multi-Platform Flexibility
- Simple deployment
- Remote device management

Ultra HD picture quality

The dual lens fixed-focus stitching solution combines the images from two lenses to achieve a higher pixel density, resulting in clearer and sharper image quality. This is beneficial for detailed observation during meetings,

document presentations, and the viewing experience of remote participants.

High-quality audio pickup experience

Yealink MeetingBar A40 has a 6-meter voice pickup range and built-in stereo speakers, 3-meter full-duplex technology, and 8x MEMS microphone array. The intelligent noise reduction technology provides a good audio experience. In addition, it can support 2 additional expansion microphones, that can cover a large conference room.

Compatible with Microsoft's MDEP

Yealink MeetingBar A40 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.

Multi-Platform Flexibility

Yealink MeetingBar A40 supports native Teams, Zoom, RingCentral, etc. In addition, it also supports wired General Mode (BYOM). After entering BYOD mode, you can take MeetingBar A40 as the peripherals for meetings held by third-party apps.

Simple deployment

Yealink MeetingBar A40 features a direct connection to CTP25, enabling a simplified login process. Only need to log in once. This streamlined login experience saves time and improves convenience for users.

Remote Device Management

Yealink MeetingBar A40 is networked and reported to the device management platform, then can be remotely managed, configured, and upgraded.

Specifications

Parameter	Description
Operating System	· Android 13

Camera	• Maximum pixels: 2*48MP pixels • Number of preset positions: 9 • Electronic gimbal • 120° DFOV, 54° VFOV, 110° HFOV • Depth of field: 1-5 meters • 6x digital zoom • Maximum resolution: 4K • Video output resolution: 4K (2160P) 30fps, 1080P60fps • Effective focal length: 4.2 mm • Aperture: F/2.2-F/2.4 • Supports wide dynamic range • High dynamic range imaging: 10-bit • Supports auto exposure • White balance: ATW/auto/manual • Shutter speed: 10ms-33ms • Minimum illumination: 0.5 lux (daytime), 0.1 lux (nighttime) • Signal-to-noise ratio: >63 dB • Privacy cover: Electric lens cap • Lens calibration • Intelligence Features - IntelliFocus - Auto Framing - Speaker Tracking - People counting - Picture in Picture - Smart Gallery (Zoom only) • Number of cameras: 2
Speaker	• Built-in 2 x 10W speakers • Maximum sound pressure level: 112dBSPL 10W@0.1m • 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 • Maximum power: 12W • Rated power: 10W
Microphone	• Built-in 8 MEMS microphone array • 6-meter pickup distance, 4-meter high-quality pickup distance • Signal-to-noise ratio: 72dB • 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

Resolution	· Portrait resolution: up to 4K30fps · Bandwidth requirement: 10Mbps or more
Content sharing	· Up to 4K15 in General Mode (BYOM) · Teams: 1080p in meeting, 4K local sharing · Zoom: 1080p · RingCentral: 1080p
Video Codec	H.264 High profile, H.264 SVC, H.264
Communication standard protocol	· H.323/SIP in General Mode (BYOM) · 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
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
Network Protocol	· Wi-Fi 6 - 2.4G & 5G dual-band, 802.11a/b/g/n/ac/ax - 2x2 MIMO · Bluetooth 5.0 · 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 · Use TV-Clip Mount · Place on the desktop

Ports	• 1x USB2.0 USB-A port • 2x USB-C port • 1x Ethernet port • 1x Yealink VCH port (RJ-45) • 1x 3.5mm Line-in & Line-out port • 1x Power port • 1x Security lock slot • 1x Reset slot • 2x HDMI-out • HDMI input (through the VCH51 Sharing Kit)
Package	• MeetingBar A40 • HDMI cable x2 • Network cable x1 • TV-Clip Mount x1 • Wall Mount x1 • Optional Package - A40-010: A40+VCR11 - A40-031: A40+CTP25
Environmental Factor	• Operating humidity: 10 - 95% • Operating temperature: 0 - 40°C
Dimensions and weight (W × D × H)	• MeetingBar A40: 650 × 62 × 80 mm • N.W/CTN: 5.540 kg • G.W/CTN: 6.086kg

MeetingBar Kit

Meeting Room Type	Model	Kit Contain	Related Topic
Small to Medium Meeting Room	A40-010	MeetingBar A40 VCR11	MeetingBar A40 - Teams
Small to Medium Meeting Room	A40-031	MeetingBar A40 CTP25	MeetingBar A40 - Teams MeetingBar A40 - Zoom