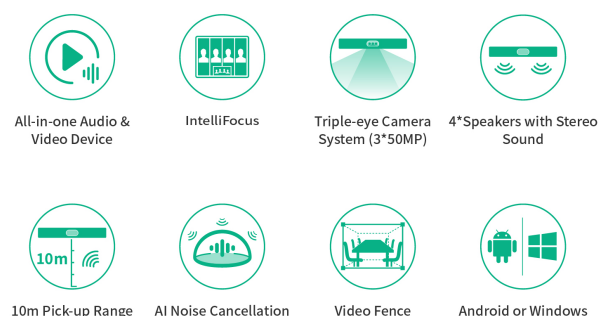# Yealink MeetingBar A50 Datasheet

All-in-One Video Collaboration Bar for Medium to Large Rooms

Yealink MeetingBar A50 is an all-in-one video collaboration bar for premium medium-to-large rooms. This product delivers cutting-edge audio and video communication capabilities, powered by advanced AI technology, ensuring crystal-clear sound and ultra-HD visuals. With intelligent full-duplex, IntelliFocus, and video fence, it redefines the video conferencing experience, bringing unparalleled clarity and efficiency to every meeting. Yealink MeetingBar A50 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 A50 features a direct connection to CTP25, enabling a simplified login process. This streamlined login experience saves users time and enhances convenience. In addition, MeetingBar A50 seamlessly supports Microsoft Teams Rooms (MTR), delivering a consistent and efficient experience whether you're using the Android or Windows version. In MTR-W, it is namely MVC S50. *Support 3x expansion microphones: Optional *Will support MDEP in June.

All-in-one Audio & Video Device | IntelliFocus | Triple-eye Camera System (3*50MP) | 4*Speakers with Stereo Sound

10m Pick-up Range | AI Noise Cancellation | Video Fence | Android or Windows

Certified for Microsoft Teams — In roadmap

zoom Certified — In roadmap

RingCentral — In roadmap

Built on Microsoft Device Ecosystem Platform

Key Features and Benefits

- All-in-One Design

- Triple-eye Camera System (3*50MP)
- High-quality audio pickup experience
- Compatible with Microsoft's MDEP
- Multi-Platform Flexibility
- Simple deployment
- Remote device management

Ultra HD picture quality and artificial AI features

The MeetingBar A50 has a built-in triple-camera system, each with 50MP resolution—one for wide-angle and two for telephoto, ensuring high-resolution imaging across different focal lengths. The professional-grade lens delivers low grain, natural colors, and HD image quality. It's also a built-in automatic physical privacy shutter that blocks the camera when not in use, ensuring privacy protection for users. The intelligent AI features include IntelliFocus, Multi-stream IntelliFrame with Copilot (only for MTR-W), Video Fence, etc. It can automatically detect speakers in the meeting room, frame them, and display them on the screen through multi-stream output, providing a more intuitive and interactive remote meeting experience.

High-quality audio pickup experience

Yealink MeetingBar A50 has a 10-meter voice pickup range and built-in stereo speakers, a 16x MEMS microphone array. The intelligent noise reduction technology provides a good audio experience. In addition, it can support 3 additional expansion microphones, which can cover a large conference room.

Compatible with Microsoft's MDEP

Yealink MeetingBar A50 is compatible with Microsoft's MDEP, which enhances security and deployment experi-ences. 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 A50 supports native Teams, Zoom, etc. In addition, it also supports wired General Mode. After entering BYOD mode, you can take MeetingBar A50 as the peripherals for meetings held by third-party apps.

Simple deployment

Yealink MeetingBar A50 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.

Remote Device Management

Yealink MeetingBar A50 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: 3*50MP pixels • Number of preset positions: 9 • Electronic gimbal • 1x Wide HFOV 98°, VFOV 81° ; 2x Tele HFOV 41.6° VFOV 31.8° • 8x digital zoom • Maximum resolution: 4K • 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: 3
Speaker	• Built-in 4 x 5W speakers
Microphone	• Built-in 16 MEMS microphone array • 10-meter pickup distance
Video Codec	H.264 High profile, H.264 SVC, H.264
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
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

Installation	• Wall Mount (VB-WallMount-02) • TV Mount (VB-TVMount-01, in roadmap) • Table Mount(VB-TabletopMount-02)
Ports	• 1x USB3.0 Type-A port • 1x USB3.0 Type-B port • 1x USB2.0 Type-C port(for dongle pairing) • 1x Ethernet port • 2x 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
Environmental Factor	• Operating humidity: 10 - 95% • Operating temperature: 0 - 40°C
Dimensions and weight (W × D × H)	• MeetingBar A50: 910 × 88 × 102 mm • N.W/CTN: 8.5 kg • G.W/CTN: 9.5kg