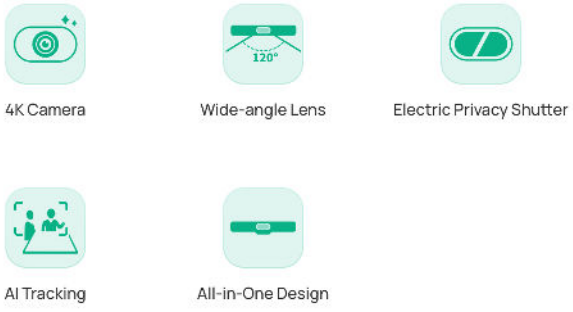
Yealink MeetingBar A10 Datasheet

All-in-One Android Video Collaboration Bar for Home Office to Small Room

Yealink MeetingBar A10 is an all-in-one video collaboration bar for the home office, huddle rooms, and small rooms. Featuring a 4K camera and 120° lens, A10 delivers outstanding video quality. Together with the electric lens cap, its AI technologies, including Auto Framing, Speaker Tracking, and more, allow users to experience a smarter and safer video conference. With 8 MEMS microphone arrays and Yealink AI-based noise-proof technology, A10 brings excellent audio quality in small spaces, even in full-duplex mode, ensuring everyone can be heard. Moreover, A10 combines a computing unit, camera, microphones, speaker, adjustable TV Clamp, Wi-Fi, and Bluetooth, providing a simple deployment solution. A10 supports content sharing and whiteboard capabilities, enhancing collaboration.



Key Features and Benefits

- All-in-One Design
- 4K Camera
- Electric Privacy Shutter
- Auto Framing and Speaker Tracking
- Built-in Bluetooth
- Built-in Wi-Fi
- Content Sharing
- Certified by Microsoft Teams & Zoom

Tiny and Portable Design for Fast Start

Integrating the computing unit, camera, microphones, speaker, Bluetooth, Wi-Fi, and TV mount, the A10 measures just 380 mm x 57 mm x 57 mm, reducing space and clutter in meeting areas. Plugging in the power and HDMI cable prepares the video conference. Additionally, the Yealink Device Management Platform simplifies management.

Precise Sound Localization, Full-Duplex Experience

With 8 MEMS microphone arrays, A10 offers noise proofing and dereverberation. The new beamforming algorithm, together with acoustic echo cancellation and dereverberation processing, brings high-quality full-duplex calls and ensures precise voice pickup.

Smart Video Conferencing with AI Technology

Featuring AI technology, including Auto Framing and Speaker Tracking, A10 supports group framing based on participant count and position, and automatically zooms in on the speaker without manual adjustment, keeping participants focused on the conference.

One Device for Multi-platform

Based on Android 13 OS, A10 supports native Teams, Zoom, and Device Mode in one SKU. Used with the Yealink Wireless Presentation Pod WPP30, users can share content in the conference room with low latency. The A10's whiteboard feature also promotes collaboration.

Remote Management

The MeetingBar A10 supports various management platforms, such as Yealink Https Web Portal, Yealink Device Management Platform, Yealink Management Cloud Service, Teams Admin Center, and Zoom Device Management, allowing remote management, monitoring, configuration, updates, and diagnostics.

Specifications

Parameter	Description

Camera	• 4K camera
	• Resolution: 1080p30, 720p30
	• 120° DFoV
	• 105° HFoV
	• 4 x e-PTZ camera
	• Electric privacy shutter
	• Intelligence features
	  ○ Auto framing
	  ○ Speaker tracking

	○ Multi-focus framing ○ Smart gallery (Zoom only)
Audio	• Built-in 8 MEMS microphone array • 4.5-meter pickup distance, 3.5-meter high-quality pickup distance • Advanced AI noise cancellation algorithm • Excellent full-duplex • AGC (Automatic Gain Control) • Incredible echo cancellation technology • Built-in microphone frequency response: 100Hz to 8kHz • Speaker: ○ Built-in 5 W high-fidelity speaker ○ Frequency response: 210-20kHz ○ Speaker volume: 88db SPL@1W, 93db SPL@3W both +/-2db at 0.5m ○ Maximum power: 8 W ○ Rated power: 5 W ○ Sensitivity: 84db SPL @ 1W @ 0.5 meter ○ Sampling rate: 48 kHz ○ Sound emission angle: Forward-facing ○ Total Harmonic Distortion (THD): at 5W, 1KHZ,＜5% ○ Rated impedance: 4 ohms
Operating System	Android 13
Meeting Features	• Calendar • One-click join • Meeting collaboration ○ Content sharing • Meeting control: ○ Add participants ○ Hold/Resume ○ Camera on/off

	○ Mute/Unmute ○ Volume up/down ○ Hang up
Video Standard and Network Suitability	Video codecs: H.264 high profile, H.264 SVC, H.264
Network and Security Features	• Built-in dual-band Wi-Fi (2.4 GHz/5 GHz) • Built-in Bluetooth 4.2 • IPv4 and IPv6, DHCP/static IP • HTTP/HTTPS web server • TLS 1.2/1.3, AES 256-bit encryption • QoS: 802.1p/q, Diff-serv • VLAN, LLDP • IEEE802.1X ○ EAP-MD5/EAP-TLS ○ PEAP-MSCHAPv2 ○ EAP-TTLS/EAP-MSCHAPv2 • Network diagnosis: ping, trace route • Time and date synchronization using SNTP • Built-in certificate
Ports	• 1 x HDMI output (CEC supported) • 1 x USB 2.0 • 1 x USB-C for content sharing • 1 x Line in/Line out • 1 x 10 M/100 M/1000 M Ethernet port • 1 x Yealink VCH port (RJ-45) • 1 x Power port • 1 x Security lock slot • 1 x Reset slot
Other Physical Features	• Power adapter: AC 100-240 V input and DC 48 V/0.7 A output

	• USB output: 5 V ⎓ 0.5 A
	• Power consumption (PSU):
	  ○ Standby power consumption: 7.9 W
	  ○ Average power consumption: 4.6 W
	  ○ Peak power consumption: 8.1 W
	• Dimension (W.D.H): 380 mm x 57 mm x 57 mm
	• Operating humidity: 10 - 90%
	• Operating temperature: 0 - 40°C
	• Storage temperature: -30 to +70°C

Weight	• A10-010:
	  ○ Qty: 4
	  ○ N.W/CTN: 8.31 kg
	  ○ G.W/CTN: 9.25 kg
	• A10-020:
	  ○ Qty: 1
	  ○ N.W/CTN: 3.59 kg
	  ○ G.W/CTN: 4.27 kg

MeetingBar A10 Package	• Package contents:
	  ○ MeetingBar A10 endpoint
	  ○ 3 m Ethernet cable
	  ○ 1.8 m HDMI cable
	  ○ Mounting bracket and accessories
	  ○ Power adapter
	  ○ Quick start guide
	  ○ Controller device (optional):
	  ■ CTP18 touch console
	  ■ VCR11 remote control
	  ○ Sharing & BYOD device (optional):
	  ■ Wireless presentation pod
	  ■ Full-featured USB-C cable

	• Carton meas: 447 mm x 165 mm x 150 mm
Device Management	• Yealink HTTPS web portal • Yealink device management platform • Yealink management cloud service • Teams admin center • Zoom device management

MeetingBar Kit

Meeting Room Type	Model	Kit Contain	Related Topic
Home Office to Small Meeting Room	A10-010	MeetingBar A10 VCR11	MeetingBar A10
Home Office to Small Meeting Room	A10-020	MeetingBar A10 CTP18	MeetingBar A10