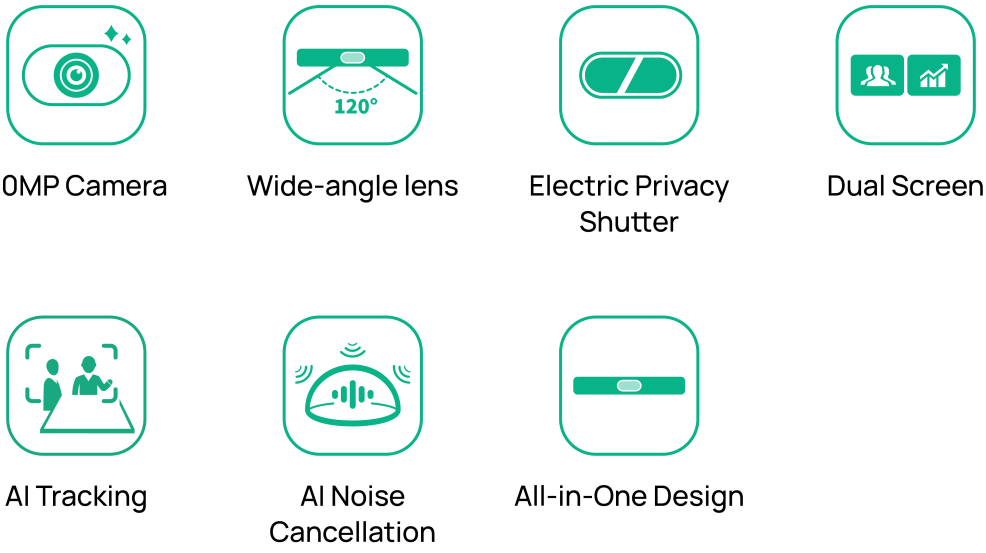
Yealink MeetingBar A30 Datasheet

All-in-One Android Video Collaboration Bar for Medium Room

Yealink MeetingBar A30 Teams Edition, an all-in-one video collaboration bar for Medium rooms. A30 features an optical camera with 10x hybrid zoom and an 8-megapixel digital camera with a 120° field of view, delivering outstanding video quality. Together with the electric privacy shutter, its AI technologies, including Auto Framing and Speaker Tracking, enable users to experience a smarter, safer video conference. With 8 MEMS microphone arrays and Yealink AI-based noise-proof technology, the A30 bringsan excellent audio experience in medium rooms, even in full-duplex mode, and ensures that everyone can be heard as well as seen. Supporting human body detection, A30 provides a convenient and fast device wake-up experience. Moreover, A30 combines a computing unit, camera, microphones, speaker, Wi-Fi, and Bluetooth, which provides you with a solution for simple deployment. A30 supports cloud video platforms like Microsoft Teams and Zoom, so no PC is required. A30 supports content sharing and a whiteboard, making the meeting more communicative and collaborative. Simple and flexible deployment but powerful features deliver excellent video collaboration performance.

Certified for Microsoft Teams zoom Certified RingCentral



Key Features and Benefits

- All-in-One Design
- Two Cameras Design
- 120° Field of View
- Electric Privacy Shutter
- Dual Screen
- Auto Framing and Speaker Tracking
- Built-in Bluetooth 4.2
- Built-in Dual-band Wi-Fi
- Content Sharing
- Whiteboard
- Certified by Microsoft Teams & Zoom & BlueJeans & RingCentral

Smart Video Collaboration

Based on Android 13 OS, A30 can be operated by just one touch or by the remote control. Also, you can experience a more communicative and collaborative meeting with the content sharing and whiteboard of A30.

See Everyone Clearly

A30 has strong image processing, encoding, and decoding capabilities. Besides, A30 features an optical camera with 10x hybrid zoom and an 8-megapixel digital camera with a 120° field of view, delivering outstanding video quality. With a wide 120° field of view, everyone in the conference can be seen without adjusting the camera. Moreover, the image brightness can be automatically optimized even in a dim or backlight environment, ensuring the participant's faces can be seen clearly.

Two cameras designed with AI technology

The A30 camera supports 4K video output and is equipped with an 8x optical zoom lens, providing you with a face-to-face, intelligent, and smooth video experience by accurately reproducing every moment and detail. Featuring multiple AI technologies such as Auto Framing, Speaker Tracking, and Picture-in-Picture, users don't need to adjust the camera manually and can focus more on the conference.

Precise Sound Localization, Full-Duplex Experience

8 MEMS microphone arrays make A30 have a strong ability of Yealink AI-based noise-proof technology and dereverberation. The Yealink beamforming algorithm, together with the technology of acoustic echo cancellation and dereverberation, brings high-quality full-duplex calls and realizes more precise voice pickup.

All-in-One Design for Fast Start

Integrating computing units, cameras, microphones, speakers, Bluetooth, and Wi-Fi, A30 takes up less space and minimizes cable clutter. Plugging in the power and the HDMI cable gets a video conference ready. In addition, the Yealink Device Management Platform ensures easy management for you.

Wireless Presentation with Low Latency

Cooperating the A30 with Yealink wireless presentation pod WPP30, users can share content anywhere in the conference room. With the Yealink algorithm, WPP30 can maintain a stable wireless connection even in complex network environments and delivers a super clear, speedy, and stable presenting experience with low latency.

Specifications

Parameter	Description

Dual Camera System	• Wide Camera:
	  ◦ 8 MP Camera
	  ◦ Field of view: 120°
	  ◦ 4 x e-PTZ Camera
	  ◦ 120° DFOV, 112° HFOV, 79° VFOV
	• Telephoto Camera:
	  ◦ 8 MP Camera
	  ◦ Field of view: 90°
	  ◦ 10x Hybrid Zoom (3.5x optical, 3x digital)
	  ◦ Horizontal Rotation Angle: +25°/-25°
	  ◦ Vertically Rotation Angle: +16°/-16°

	○ 90° DFOV, 81° HFOV, 50° VFOV • Electric Privacy Shutter • Intelligence Features ○ Auto Framing (Frame and capture everyone in detail) ○ Speaker Tracking (Switch automatically between active speakers) ○ Picture in Picture (View speaker and group people simultaneously) ○ Smart Gallery (Zoom only, display multiple video feeds from a single conference room) • 9x Camera presets
Audio	• Built-in 8 MEMS microphone array with a voice pickup range of 6

meters
- Support external mic
- Yealink Noise Proof Technology
- Beamforming directed voice pickup technology
- Full-duplex
- AGC (Automatic Gain Control)
- Echo cancellation
- Built-in microphone frequency response: 100Hz to 8kHz
- Speaker:
  - Frequency response: 115-20kHz
  - Speaker volume: 89db SPL@1W, 98db SPL@8W both +/-2db at 0.5m
  - Sensitivity: 87dB SPL @ 1W @ 0.5 meter
  - Rated power: 10W
  - Maximum power: 16W
  - Sampling Rate: 48kHz

	○ Sound emission angle: Forward-facing ○ Total Harmonic Distortion (THD): at 10W, 1kHz, < 5% ○ Rated impedance: 2 ohms
Operating System	Android 13
Meeting Features	• Calendar • One-click join • Meeting collaboration ○ Content sharing ○ Whiteboard • 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	• 2 x HDMI output (CEC supported) • HDMI input (through the VCH51 Sharing Kit) • Motion sensor (Teams supported) • 1 x Line-in (3.5 mm) • 1 x Line-out (3.5 mm) • 1 x USB 2.0

	• 1 x USB 3.0 • 1 x 10 M/100 M/1000 M Ethernet port • 1 x Yealink extension port (RJ-45) • 1 x Power port • 1 x Security lock slot • 1 x Reset slot

Other Physical Features	• External Yealink 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: 14.9 W
	  ○ Average Power Consumption: 12.5 W
	  ○ Peak Power Consumption: 18 W
	• Power Supply:
	  ○ Input: 100-240V ~ 50/60Hz
	  ○ Output: 48V 0.7A
	• Dimension (W.D.H): 700 mm x 98

	mm x 121 mm • Operating humidity: 10 - 90% • Operating temperature: 0 - 40 °C • Storage temperature: -30 to +70 °C
Weight	• A30-010: ○ N.W/CTN: 4.29 kg ○ G.W/CTN: 5.43 kg • A30-020: ○ N.W/CTN: 7.01 kg ○ G.W/CTN: 8.70 kg
MeetingBar A30 Package	• Package contents: ○ MeetingBar A30 endpoint ○ 3 m Ethernet cable ○ 2 x 1.8 m HDMI cable ○ Mounting Bracket and Accessories ○ Power adapter ○ Quick Start Guide ○ Controller (optional): ■ CTP18 Touch Panel ■ VCR20

	Remote Control ■ VCR11 Remote Control ○ Content sharing(optional): ■ VCH51 Sharing Kit (HDMI/USB-C) ■ Wireless Presentation Pod • Carton Meas: 783 mm x 265 mm x 190 mm
MeetingBar A30 + CTP18 Package	Carton Meas: 796 mm x 434 mm x 212 mm

MeetingBar Kit

Meeting Room Type	Model	Kit Contain	Related Topic
Medium Meeting Room	A30-010	MeetingBar A30 VCR11	MeetingBar A30
Medium Meeting Room	A30-020	MeetingBar A30 CTP18	MeetingBar A30

For more information, refer to MeetingBar A30 - Teams / MeetingBar A30 - Zoom.