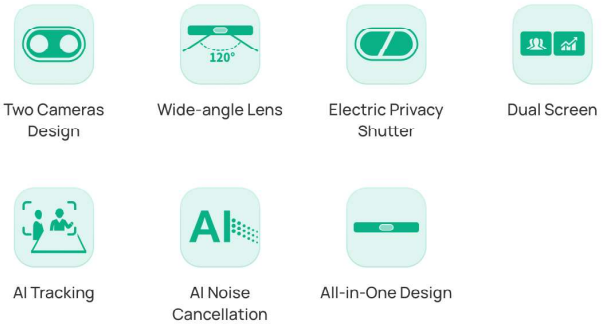
# Yealink MeetingBar A30 Datasheet

## 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.







## 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:<br>◦ 8 MP Camera<br>◦ Field of view: 120°<br>◦ 4 x e-PTZ Camera<br>◦ 120° DFOV, 112° HFOV, 79° VFOV<br>• Telephoto Camera:<br>◦ 8 MP Camera<br>◦ Field of view: 90°<br>◦ 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 )<br>○ Picture in Picture (View speaker and group people simultaneously)<br>○ Smart Gallery (Zoom only, display multiple video feeds from a single conference room)<br>• 9x Camera presets |
| Audio | • Built-in 8 MEMS microphone array with a voice pickup |

| | |
|---|---|
| | range of 6 meters<br>• Support external mic<br>• Yealink Noise Proof Technology<br>• Beamforming directed voice pickup technology<br>• Full-duplex<br>• AGC (Automatic Gain Control)<br>• Echo cancellation<br>• Built-in microphone frequency response: 100Hz to 8kHz<br>• Speaker:<br>  ○ Frequency response: |

| | |
|---|---|
| | 115-20kHz<br>○ Speaker volume: 89db SPL@1W, 98db SPL@8W both +/-2db at 0.5m<br>○ Sensitivity: 87dB SPL @ 1W @ 0.5 meter<br>○ Rated power: 10W<br>○ Maximum power: 16W<br>○ Sampling Rate: 48kHz<br>○ Sound emission angle: Forward-facing<br>○ Total Harmonic |

| | |
|---|---|
| | Distortion (THD): at 10W, 1kHz, < 5%<br>○ Rated impedance: 2 ohms |
| Operating System | Android 13 |
| Meeting Features | • Calendar<br>• One-click join<br>• Meeting collaboration<br>○ Content sharing<br>○ Whiteboard<br>• Meeting control:<br>○ Add participants<br>○ Hold/ Resume<br>○ Camera On/Off<br>○ Mute/ Unmute<br>○ 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)<br>• Built-in Bluetooth 4.2<br>• IPv4 and IPv6, DHCP/ static IP<br>• HTTP/ HTTPS web server<br>• TLS 1.2/1.3, AES 256-bit encryption<br>• QoS: 802.1p/q, Diff-serv<br>• VLAN, LLDP<br>• IEEE802.1X<br>○ EAP-MD5/ |

| | |
|---|---|
| | EAP-TLS<br>○ PEAP-MSCHAP v2<br>○ EAP-TTLS/EAP-MSCHAP v2<br>• Network diagnosis: Ping, Trace route<br>• Time and date synchronization using SNTP<br>• Built-in certificate |
| Ports | • 2 x HDMI output (CEC supported)<br>• HDMI input (through the VCH51 Sharing Kit)<br>• Motion sensor (Teams supported)<br>• 1 x Line-in (3.5 mm) |

| | |
|---|---|
| | • 1 x Line-out (3.5 mm)<br>• 1 x USB 2.0<br>• 1 x USB 3.0<br>• 1 x 10 M/100 M/1000 M Ethernet port<br>• 1 x Yealink extension port (RJ-45)<br>• 1 x Power port<br>• 1 x Security lock slot<br>• 1 x Reset slot |
| Other Physical Features | • External Yealink Power Adapter: AC 100-240 V Input and DC 48 V/0.7 A Output<br>• USB Output: 5 V ⎓ 0.5 A<br>• 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 temperatur

| | |
|---|---|
| | e: 0 - 40 °C<br>• Storage temperatur e: -30 to +70 °C |
| Weight | • A30-010:<br>○ N.W/ CTN: 4.29 kg<br>○ G.W/ CTN: 5.43 kg<br>• A30-020:<br>○ N.W/ CTN: 7.01 kg<br>○ G.W/ CTN: 8.70 kg |
| MeetingBar A30 Package | • Package contents:<br>○ MeetingBar A30 endpoint<br>○ 3 m Ethernet cable<br>○ 2 x 1.8 m HDMI cable<br>○ Mounting Bracket |

| | |
|---|---|
| | and Accessories<br>○ Power adapter<br>○ Quick Start Guide<br>○ Controller (optional):<br>■ CTP18 Touch Panel<br>■ VCR20 Remote Control<br>■ VCR11 Remote Control<br>○ Content sharing(optional):<br>■ VCH51 Sharin |

| | |
|---|---|
| | g Kit (HDMI /USB-C)<br>■ Wireless Presentation Pod<br>• 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<br>VCR11 | MeetingBar A30 |
| Medium Meeting Room | A30-020 | MeetingBar A30<br>CTP18 | MeetingBar A30 |

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