MeetingBar A40 Datasheet

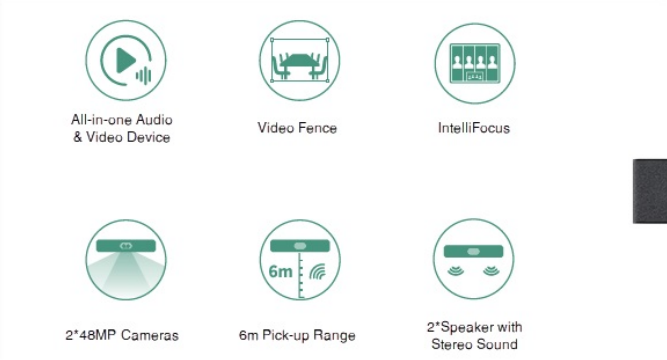
All-in-One Android Video Collaboration Bar for Small to Medium Rooms

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, etc. In addition, it also supports wired General Mode. 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 · Maximum frame rate: 60FPS · Video output resolution: 4K60fps, 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 - Multi-focus Framing - 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 · Teams: 1080p in meeting, 4K local sharing · Zoom: 1080p
Communication standard protocol	· SIP/H.323 in General Mode
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 · 1x 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
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

CTP25

Introduction

The CTP25, a cutting-edge touch console specifically designed for meeting control. With its user-centered interactive design and a 10.1-inch touchscreen, users can effortlessly join and manage meetings with ease. Say goodbye to the complexities of video conferencing as CTP25 simplifies the process, delivering an enhanced meeting experience. It seamlessly integrates essential meeting functions, including direct connection to the system, screen sharing, BYOD, and PD charging capabilities. Elevating communication efficiency to new heights.



Key features and benefits

- 10.1 inches, and ultra-high screen-to-body ratio
- Support Android 13 (continue to update)
- MDEP Supported（in September）
- USB-C wired content sharing/BYOD/power
- Ultrasonic technology
- Multiple deployment methods

Immersive HD Display, Stable Touch

Experience immersive visual excellence with the CTP25. Boasting a 10.1-inch size and a high screen-to-body ratio,

this device provides a captivating visual experience. Its IPS panel showcases crystal-clear images, ensuring vibrant and sharp visuals. The IPS hard screen's unique horizontal molecular structure brings exceptional stability, eliminating water ripples, shadows, and flickering when touched. Enjoy seamless touch interactions on the CTP25, where stability and responsiveness combine for an unparalleled user experience.

Experience Secure MDEP with Android 13

Experience the Latest and Most Secure User Experience with the CTP25. The CTP25 is powered by Android 13 and provides continuous updates, ensuring customers always enjoy the newest features and enhanced security. With compatibility with MDEP (Microsoft Device Ecosystem Platform), the CTP25 provides a more secure environment and streamlined deployment processes. Stay ahead of the curve with the latest updates while enjoying peace of mind knowing your device is protected.

Flexible Deployment, Powerful USB-C

Enhance your collaboration with the seamless integration of Yealink CTP25 and MeetingBar A40. Simply connect the CTP25 to the MeetingBar A40 using an ethernet cable, and enjoy a simplified Teams Room login process. With the option to log in to your Teams account once on either device, deployment becomes effortless, saving time and enhancing convenience. The USB-C cable of CTP25 supports 4K content sharing, wired BYOD (Bring Your Own Device), and provides up to 45w PD2.0 for laptop charging. By replacing the adapter, you can achieve a maximum power output of 60w, catering to higher charging needs. This all-in-one cable solution meets the diverse needs of users in conference rooms, ensuring a streamlined and efficient collaboration experience.

Specifications

Specifications	Description
OS	· Android 13.0
Display	· Screen: 10.1 inch · Display Type: IPS · Resolution: 1280 x 800 · Contrast ratio: 1000:1 · Brightness: 350 cd/㎡ (typical) · Viewing angle (horizontal/vertical): 178°(H)/178°(V) · Touchpoints: Multi-points capacitive touch support · Anti-glare · Anti-fingerprint
Audio	· Built-in Ultrasound Unit
Wireless	· Wi-Fi 6 802.11a/b/g/n/ac/ax · Bluetooth 5.0
Network	· VLAN, 802.1P/Q, and Diffserv · 802.1X, and LLDP-MED · HTTPS
Device Management	· Yealink Web Portal · Yealink Device Management Platform · Teams Admin Center · Zoom Device Management

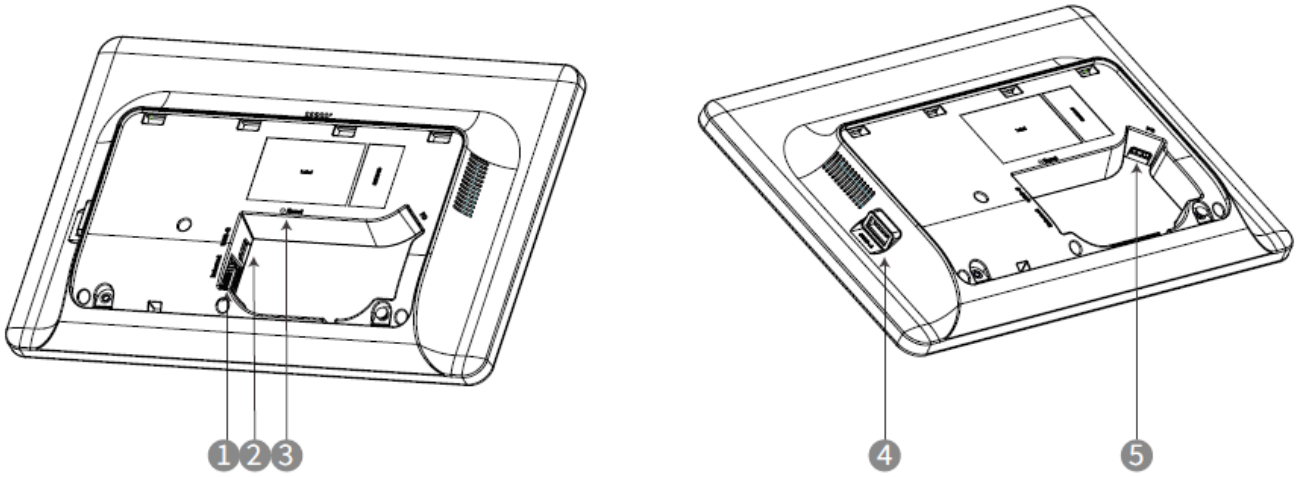
Physical Interface	· 1 x USB-A port · 2 x USB-C port · 1 x RJ45 port (PoE 802.3af compaint) · 1 x Reset hole · Motion Sensor
Installation	· Place on the Table · Mount on the Table · Mount on the Wall
Package	· CTP25 · 7.5m Ethernet Cable · 1.2m USB-C Cable · PD Power Adapter (65W) · Screwdriver · High Stand · Cable Management Cover · M3 Screws * 10 · Cable Ties * 5 · Quick Start Guide
Mounting Bracket	· Standard: High Stand · Optional: - Rotatable desktop mount with rotation angle: 90° left and right. - Wall mount
Environment	· Operating Temperature: -10 to +45°C · Storage Temperature: -30 to +70°C
Power	· Power Consumption: - Standby: 5 W - Average: 7.3 W - Peak: 15.2 W · Power Adapter: 65W PD · PoE: IEEE 802.3af and above
Dimensions &Weight	· Box: - Dimension: 286 × 198 × 140 mm - N.W/CTN: 1.578 kg - G.W/CTN: 1.846 kg · Canton: - Dimension: 725 × 410 × 300 mm - N.W/CTN: 18.478 kg - G.W/CTN: 19.798 kg - Quantity: 10 pieces · CTP25: - Dimension: 242.95 × 27.50 × 161.95 mm - Weight: 0.683 kg

Device Compatibility

The maximum number of CTP25 supported by the conferencing room endpoint is as follows:

Device Name	Max. number of CTP25 supported
MeetingBar A10、MeetingBar A20、MeetingBar A30	×
MeetingBar A40	1
MeetingBoard 65、MeetingBoard 86、MeetingBoard 75 Pro	×
DeskVision A24	×
MeetingEye 500、MeetingEye 500 Pro, MeetingEye 900	1

Hardware Introduction

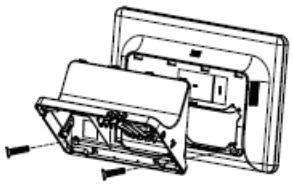


Number	Hardware Interface	Description
1	Internet	Connect to an endpoint, network, or PoE switch that meets the specifications of 802.3af and above.
2	USB-C	Connect to a PC for content sharing. When connected to a PD power adapter, CTP25 can power the PC.
3	Reset	Reset the CTP25 to factory defaults.
4	USB-A	Reserved interface.
5	PD	Connect to a PD power adapter.

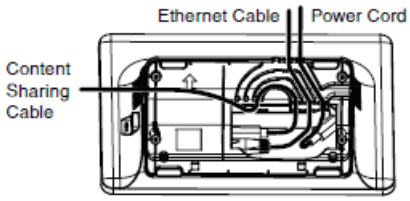
Installation

Place on the Table

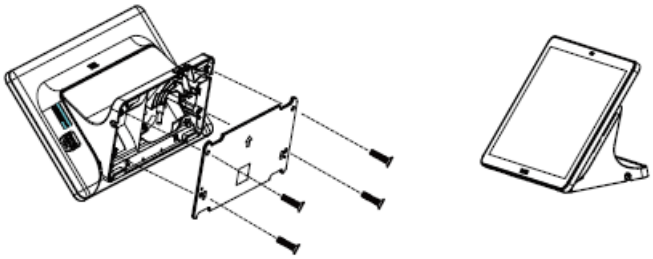
1 Screw specifications:
M3 screw



2 Recommended cable management method:

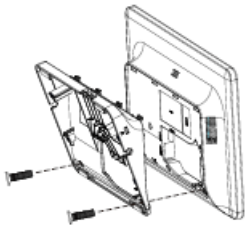


3 Screw specifications:
M3 screw

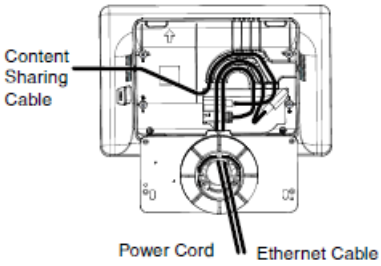


Mount on the Table

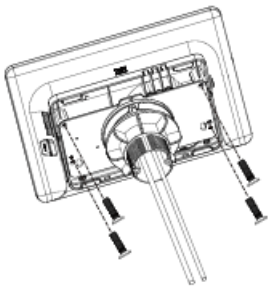
1 Screw specifications:
M3 screw



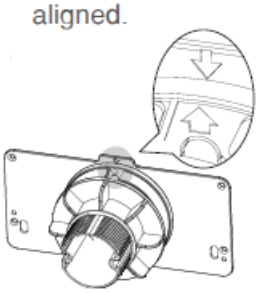
2 Recommended cable management method:



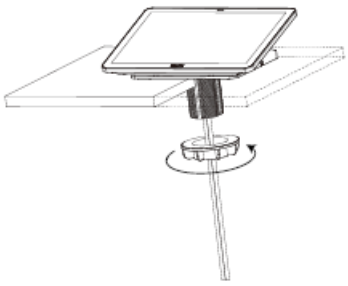
3 Screw specifications:
M3 screw

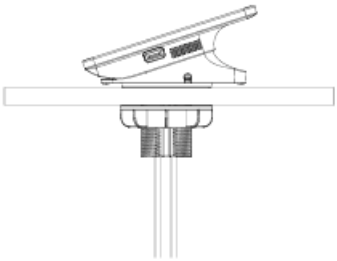


4 Make sure the two arrows on the table mount are aligned.



5



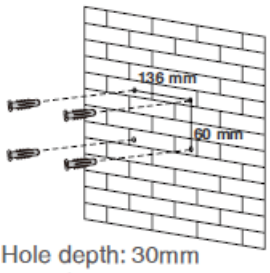


Mount on the Wall

NOTE

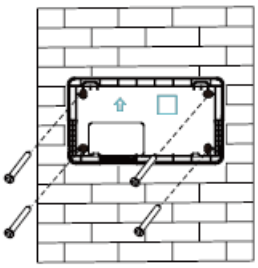
- We recommend that the height of the wall-mounted is 1m~1.5m from the ground.
- If the conference room environment allows, you can also wire through the wall.

1 Screw specifications: Φ6 * 30 mm, Expansion bolt

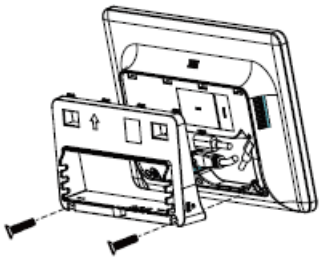


Hole depth: 30mm
Hole diameter: 6mm

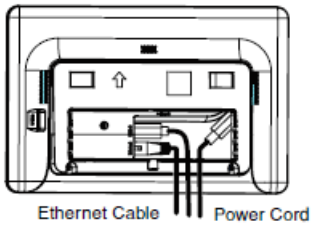
2 Screw specifications: T4×30, Self-tapping screws



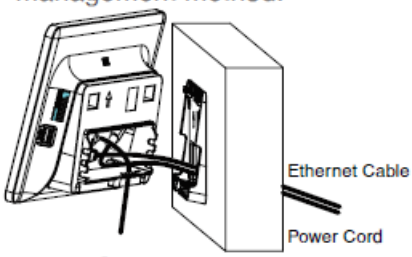
3 Screw specifications: M3 Screw



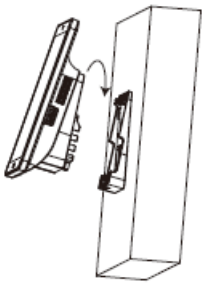
4 (Surface-mounted conduit) Recommended cable management method:



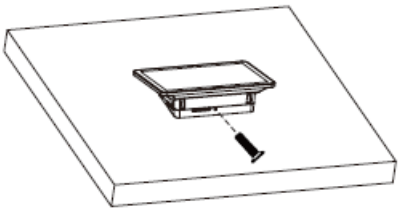
(Pattress) Recommended cable management method:



5



6 Screw specifications: M3 screw

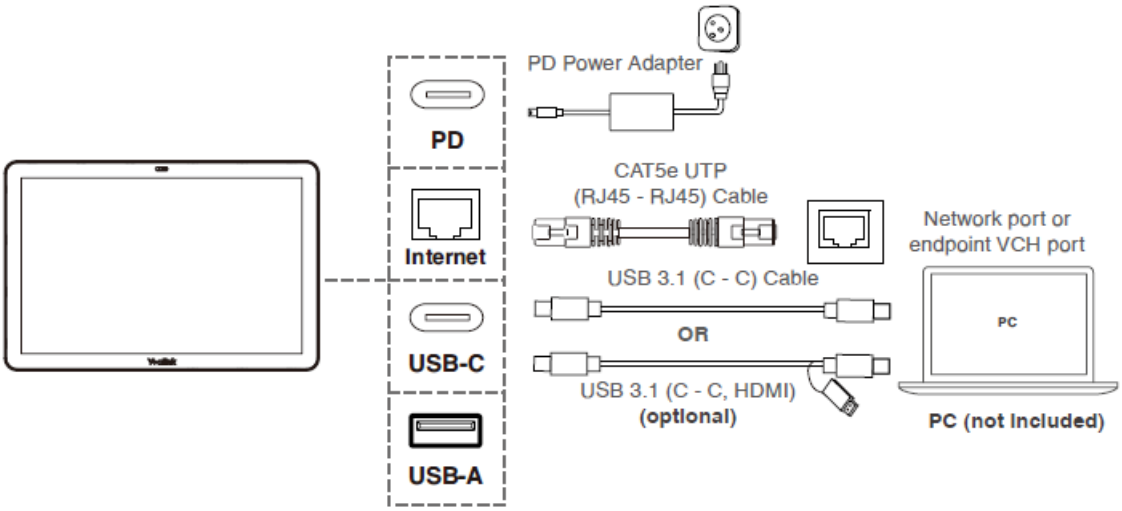


Connection

NOTE

- PC: Equipped with an HDMI or USB-C (support DP protocol) Port.
- The feature differences using USB-C or USB-C to HDMI cable are as below:

	Content Sharing	BYOD	PD Charging
USB-C	√	√	√
USB-C to HDMI	√	×	×



The usage of CTP25 with different conferencing endpoints is different. Please refer to the corresponding document to know more about the connection, pairing and update of CTP25 with the different conferencing endpoints.

How to Use

The usage of CTP25 with different conferencing endpoints is different. Please refer to the corresponding document to know more about the connection, pairing and update of CTP25 with the different conferencing endpoints.

Teams Version:

- Connect the CTP25 to MeetingBar: CTP25 Touch Panel

Zoom Version:

- Connect the CTP25 to MeetingBar: CTP25 Touch Panel
- Connect the CTP25 to MeetingEye: CTP25 Touch Panel