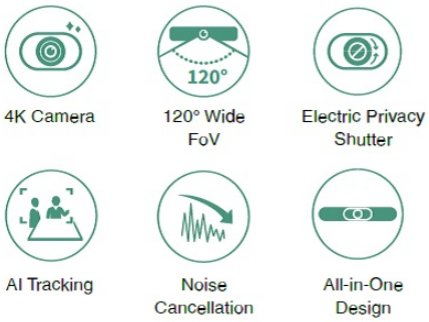
MeetingBar A10 Datasheet

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 so on, 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 experience in small spaces, even in full-duplex mode and ensures everyone can be heard. Moreover, A10 combines a computing unit, camera, microphones, speaker, adjustable TV Clamp, Wi-Fi, and Bluetooth, which provides you with a solution for simple deployment. A10 is capable of content sharing and whiteboard, which makes 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
- 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 its TV mount, the A10 measures just 380 mm x 57 mm x 57 mm, taking up less space and less clutter in your meeting spaces. Plugging in power and HDMI cable gets a video conference ready. In addition, the Yealink Device Management Platform ensures an easy management to you.

Precise Sound Localization, Full-Duplex Experience

8 MEMS microphone arrays make A10 have strong ability of noise proof and dereverberation. The new upgraded beamforming algorithm, together with technology of processing on acoustic echo cancellation and the

dereverberation, brings high quality full-duplex call and realizes more precise voice pickup.

Smart Video Conferencing with AI Technology

Featuring AI technology, including Auto Framing and Speaker Tracking, A10 not only supports framing the groups automatically according to the number and the position of the participants, but also automatically zoom in the speaker without adjusting the camera, making the participants more focus on the conference.

One Device for Multi-platform

Based on Android 11 OS, A10 supports native Teams, Zoom, and Device Mode in one SKU. Cooperating A10 with Yealink Wireless Presentation Pod WPP30, users can share content anywhere in the conference room with low latency. Also, you can experience a more collaborative meeting with the whiteboard feature of A10.

Remote Management

The Meetingbar A10 supports multiple device management platforms, such as Yealink Https Web Portal, Yealink Device Management Platform, Yealink Management Cloud Service, Teams Admin Center, and Zoom Device Management. Using these platforms, the users can flawlessly manage, monitor, configuer, update, and diagnose the devices remotely.

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 · 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 11
Meeting Features	· Calendar · One-click join · Meeting collaboration - Content sharing · Meeting control: - Add participates - 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): - WPP30 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 - Teams MeetingBar A10 - Zoom
Home Office to Small Meeting Room	A10-020	MeetingBar A10 CTP18	MeetingBar A10 - Teams MeetingBar A10 - Zoom

For more information, please refer to MeetingBar A10 - Teams / MeetingBar A10 - Zoom.

CTP18

Introduction

CTP18 is a collaboration touch panel designed for small and medium rooms. Its 8-inch touch screen and user-centered interactive design allow users to join or control a meeting quickly and effortlessly. It greatly reduces the difficulty of using a video conferencing system and creates a better meeting experience. When CTP18 works with Yealink Wireless Presentation Pod WPP20, you can annotate or control the shared content on CTP18 directly, thereby improving the communication efficiency.



Key features and benefits

- Android 10.0 operating system
- 8-inch touch screen
- Support conference control
- Support annotation on shared content
- Connect to VCS endpoint via cable or via Wi-Fi
- Power over Ethernet (IEEE 802.3af)

Richer and Easier Meeting Control Features

CTP18 adopts effortless and user-centered interaction design, making meeting control more easier. The touch control of the screen outperforms traditional control modes magnificently. You can create or join a meeting on the home screen, and all meeting controls can be navigated on CTP18 with just a touch or a swipe of your finger, including previewing and adjusting the camera, changing the participant layouts, recording, etc.

More Efficient Collaboration

CTP18 can be paired with a video conference endpoint, and multi-touch is performed on the touch screen, which is convenient and simple to control the meeting. Supporting operations such as answering or hanging up calls to meetings, provides an easy and quickly meeting experience.
At the same time, the paired devices can be directly configured on the CTP18, reducing multidirectional operations.

Clutter-Free Meeting Space

CTP18 supports PoE where one cable carries both data and power for the device. Data transmission between CTP18 and the VCS endpoint is realized either by cable or by Wi-Fi, which eliminates the tricky wiring connections between the TV area and the conference table, saving you from remodeling the meeting spaces.

Specifications

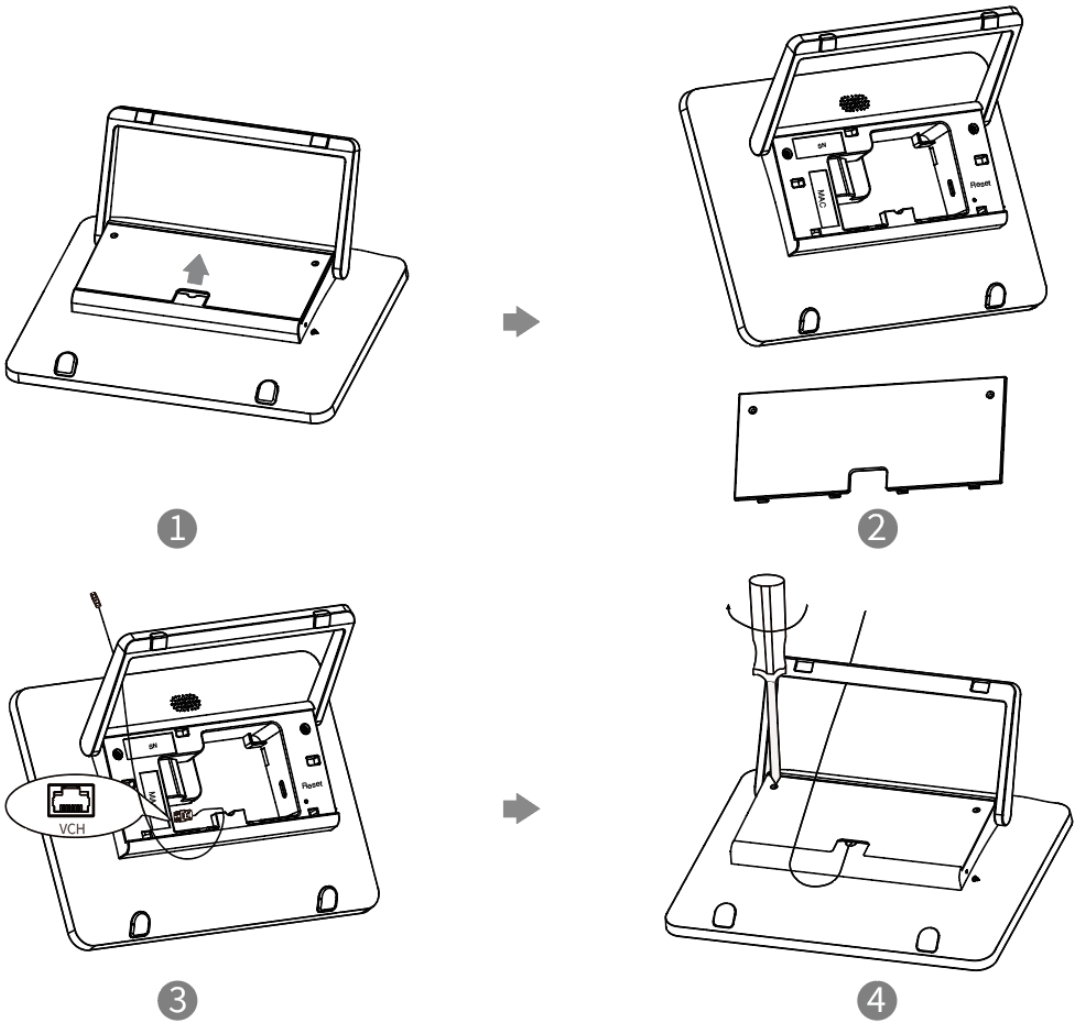
Specifications	Description
System Compatibility	· Based on Android 10.0
Display	· Screen: 8-inch IPS FHD capacitive touch screen · Resolution: 1280*800 (16:10) · Touch: 10 points multi-touch
Network and Security Features	· Built-in dual-band Wi-Fi (2.4GHz/5GHz) · Built-in Bluetooth · Built-in Ultrasonic · IPv4 and IPv6, DHCP/static IP · HTTP/HTTPS web server · SRTP/TLS, 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
CTP18 Physical Interface	· USB: 1 x USB-C for device debugging · RJ45: 1 x RJ45 Ethernet for power and data connection · Reset slot: 1 x Reset slot
Other Physical Features	· Power consumption: Normal operating: 7W; Max 8W · Power input: PoE 48V ⎓ 0.27A · Bracket: Integrated bracket, 28° - 50° steplessly adjustable · Dimension (W* D* H): 50° 202 x 151 x 100; 28° 202 x 151 x 91.5
CTP18 Package	· Package contents: - CTP18 - 7.5m Ethernet cable - 3m Ethernet cable - Cable lock box - PoE Adapter - Mounting Bracket and Accessories - Quick Start Guide · Carton Meas: 265 x 203 x 148 mm

Device Compatibility

The maximum number of CTP18 supported by the conferencing room endpoint is as follows:

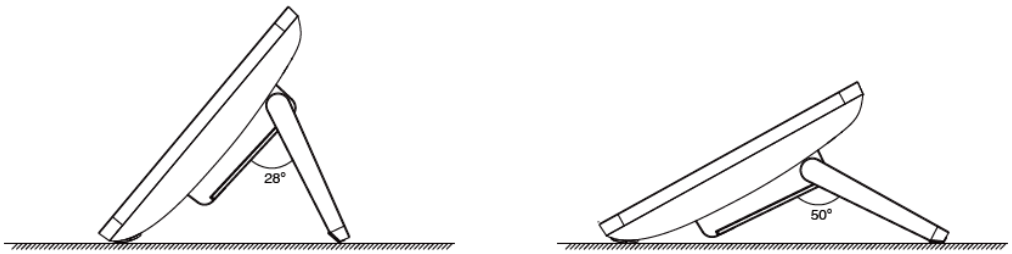
Device Name	Max. number of CTP18 supported
MeetingBar A10, MeetingBar A20, MeetingBar A30	1
MeetingBar A40	×
MVC Series, ZVC Series	×
MeetingBoard 65&86	Teams: 1 Zoom: 4 (MeetingBoard 65&86 version requires 155.15.0.37 or later)
MeetingEye 500, MeetingEye 500 Pro, MeetingEye 900	1

Connection

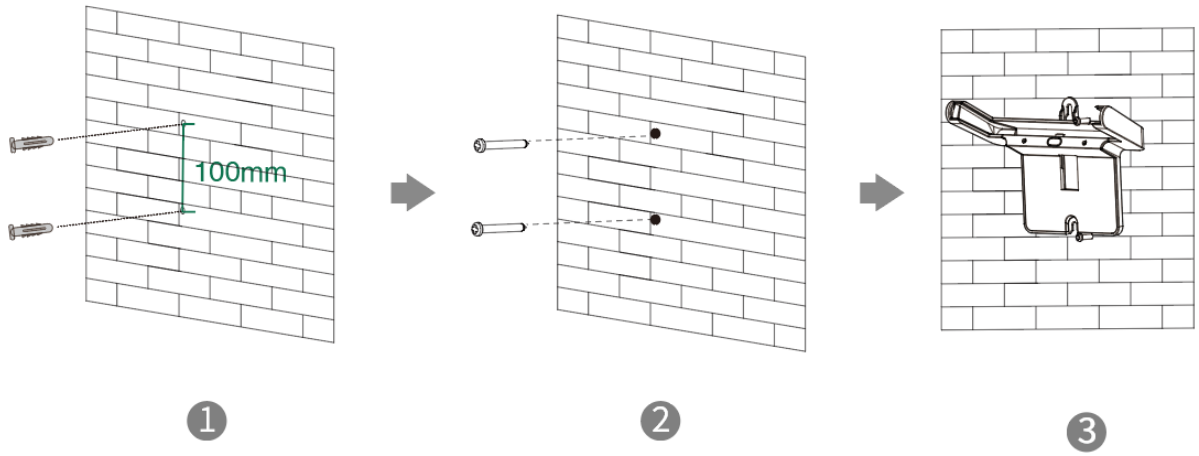


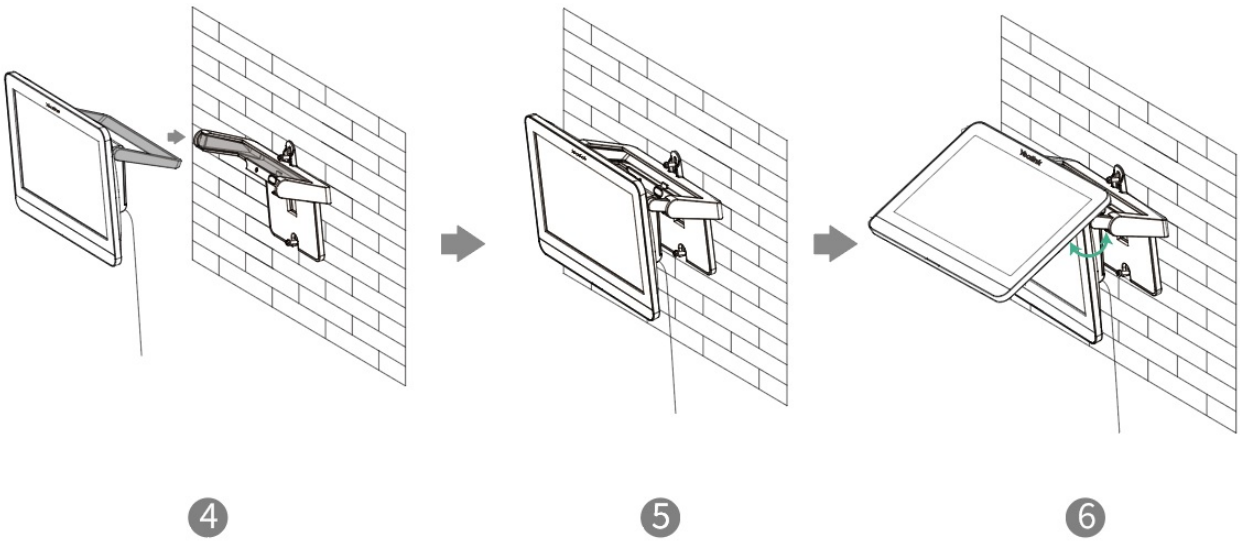
Installation

Put on a table



Mount on the wall





How to Use

The usage of CTP18 with different conferencing endpoints is different. Please refer to the corresponding document to know more about the connection, pairing and update of CTP18 with the different conferencing endpoints.

Teams Version:

- Connect the CTP18 to MeetingBar: CTP18 Touch Panel

- Connect the CTP18 to MeetingBoard: CTP18 Touch Panel

Zoom Version:

- Connect the CTP18 to MeetingBar: CTP18 Touch Panel
- Connect the CTP18 to MeetingBoard: CTP18 Touch Panel
- Connect the CTP18 to MeetingEye: CTP18 Touch Panel

BlueJeans Version:

- Connect the CTP18 to MeetingBar : CTP18 Touch Panel

RingCentral Version:

- Connect the CTP18 to MeetingBar: CTP18 Touch Panel