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

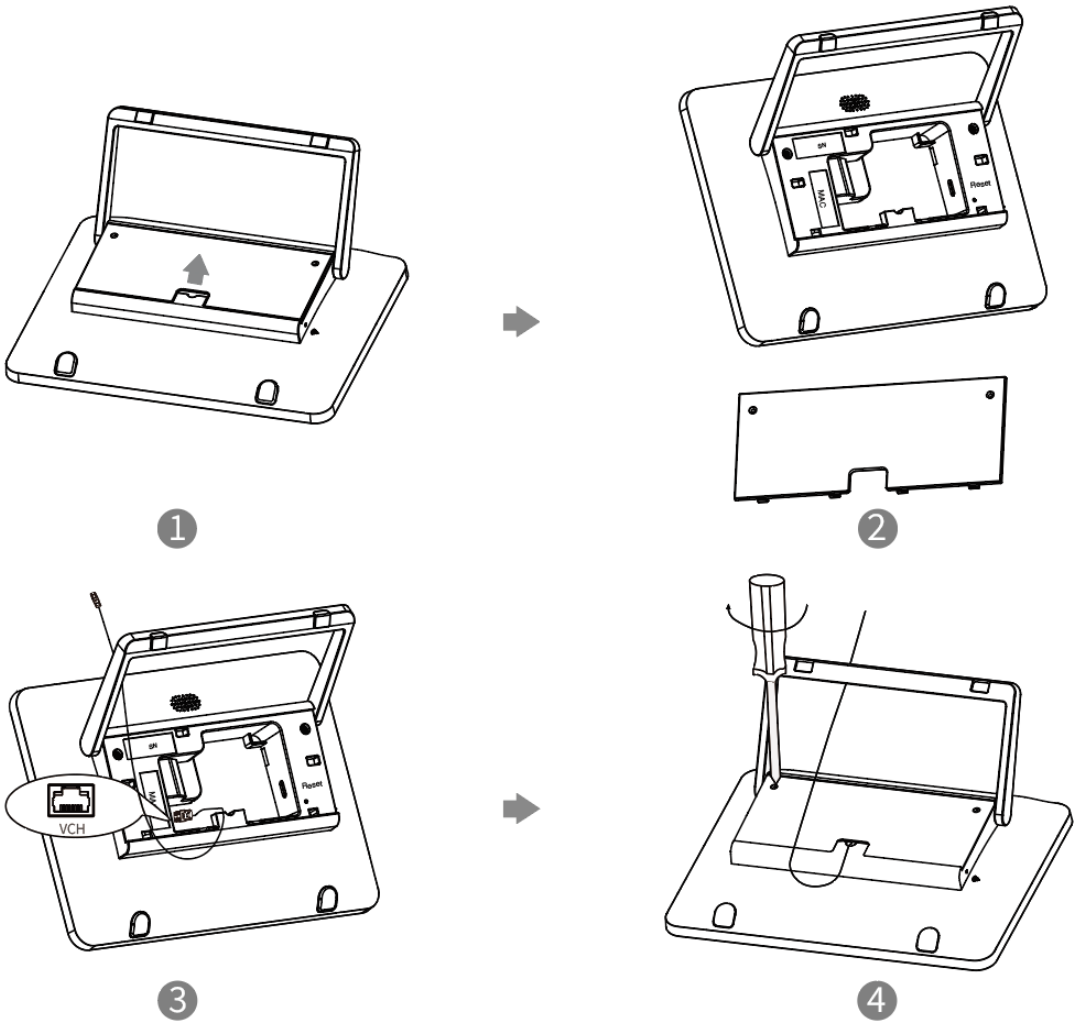
Specifications	Description
System Compatibility	· Based on Android 10.0
Display	· Screen: 8-inch IPS FHD capacitive touch screen · Resolution: 1280*800 (16:10) · Touch: 10 points multi-touch
Network and Security Features	· Built-in dual-band Wi-Fi (2.4GHz/5GHz) · Built-in Bluetooth · Built-in Ultrasonic · 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:

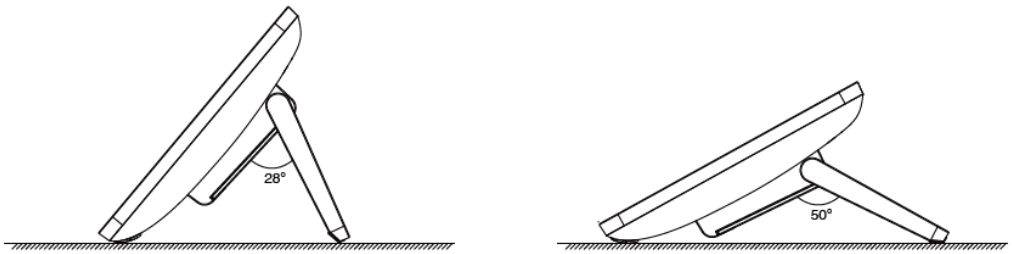
Device Name	Max. number of CTP18 supported
MeetingBar A10, MeetingBar A20, MeetingBar A30	1
MeetingBar A40	×
MVC Series, ZVC Series	×
MeetingBoard 65&86	Teams: 1 Zoom: 4 (MeetingBoard 65&86 version requires 155.15.0.37 or later)
MeetingEye 500, MeetingEye 500 Pro, MeetingEye 900	1

Connection

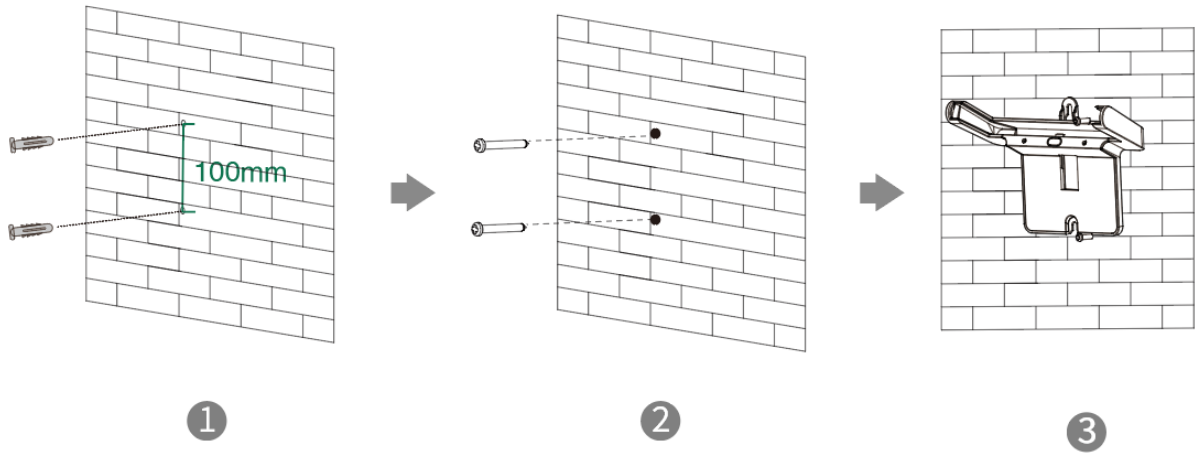


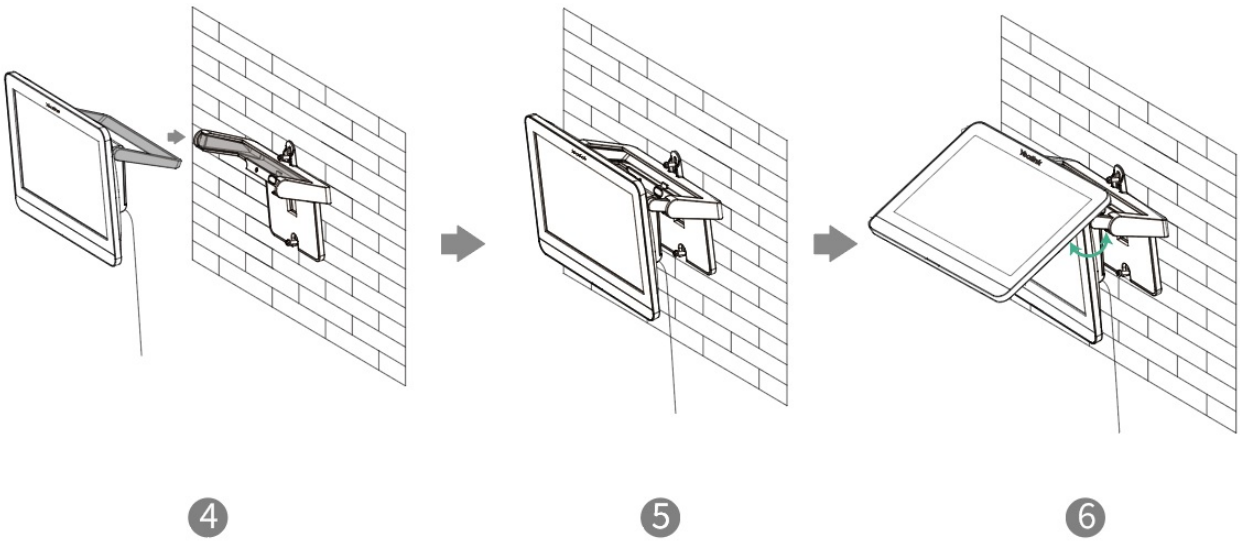
Installation

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

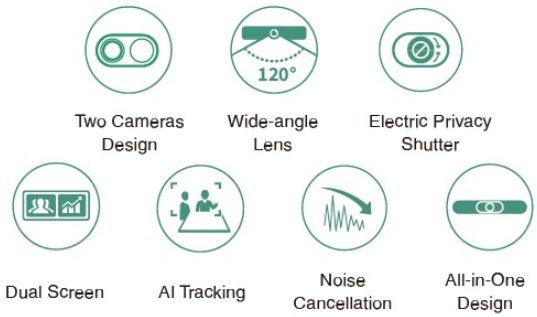
RingCentral Version:

- Connect the CTP18 to MeetingBar: CTP18 Touch Panel

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 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, A30 brings 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 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
- Two Cameras Design
- 120° Filed 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 10.0 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 faces can be seen clearly.

Two cameras design 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 the 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 power and 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 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 10.0

Meeting Features	· Calendar · One-click join · Meeting collaboration - Content sharing - Whiteboard · 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	· 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: 4.75 kg - G.W/CTN: 5.68 kg · A30-020: - N.W/CTN: 7.05 kg - G.W/CTN: 8.13 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) WPP20 Wireless Presentation Pod WPP30 Wireless Presentation Pod · Carton Meas: 903 mm x 325 mm x 306 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 - Teams MeetingBar A30 - Zoom MeetingBar A30 - RingCentral MeetingBar A30 - BlueJeans
Medium Meeting Room	A30-020	MeetingBar A30 CTP18	MeetingBar A30 - Teams MeetingBar A30 - Zoom MeetingBar A30 - RingCentral MeetingBar A30 - BlueJeans
Medium Meeting Room	A30-010-Teams (stop selling)	MeetingBar A30 VCR20	MeetingBar A30 - Teams

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