## All-in-One Android Video Collaboration Bar for Small and Huddle Rooms

Yealink MeetingBar A20, an all-in-one video collaboration bar for small and huddle rooms. Featuring 20MP camera and 133° super-wide-angle lens, A20 delivers outstanding video quality. Together with the electric lens cap, 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 noise proof technology, A20 brings excellent audio experience in small rooms even in full-duplex mode and ensures that everyone can be heard as well as seen. Moreover, A20 combines computing unit, camera, microphones, speaker, Wi-Fi, and Bluetooth, which provides you a solution of simple deployment. A20 supports for cloud video platforms like Zoom and Microsoft Teams means no room PC or Mac is required. A20 is capable of content sharing and whiteboard that making the meeting more communicative and collaborative. Simple and flexible deployment but powerful features deliver excellent video collaboration performance.

| | | | |
|---|---|---|---|
| Qualcomm SD845 chipset | 20MP Camera | Super Wide FoV | Electric Privacy Shutter |
| Dual Screen | Auto Framing | Speaker Tracking | All in One Design |

## Key Features and Benefits

### Smart Video Collaboration
Based on Android 9.0 OS, A20 owns native Teams or Zoom experience that all features can be operated by just one touch or by the remote controller. Meanwhile, A20 supports both content sharing and whiteboard that making the meeting more communicative and collaborative.

### See Everyone Clearly
Equipped with Qualcomm Snapdragon 845, A20 has strong image processing, encoding and decoding capabilities. Besides, with its 20 MP camera can provide a high-quality video conference experience. With super-wide 133° 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.

### Smart Video Conferencing with AI Technology
Featuring AI technology, including Auto Framing and Speaker Tracking, A20 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.

### Precise Sound Localization, Full-Duplex Experience
8 MEMS microphone arrays make A20 have stronger 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.

### All-in-one Design for Fast Start
Integrating computing unit, camera, microphones, speaker, Bluetooth, Wi-Fi and bracket, A20 takes up less space and minimizing cable clutter. For your easy deployment, it is ready for a video conference by simply plugging in the power adapter and HDMI cable. In addition, the Yealink Device Management ensures an easy management to you.

- Qualcomm Snapdragon 845 chipset
- ALL-IN-ONE design
- 20MP camera
- 133° Super filed of view
- Electric Privacy Shutter
- Dual screen
- Auto framing and speaker tracking
- Built-in Bluetooth
- Built-in dual-band Wi-Fi
- Content sharing
- Whiteboard
- Certified by Zoom & Microsoft Teams

# Yealink

## Camera

- 20MP Camera
- 133° field of view
- 8x e-PTZ camera
- Electric privacy shutter
- Intelligence Features
  - Auto Framing
  - Speaker Tracking [①]

## Audio

- Built-in 8 MEMS microphone array
- Built-in 5W high fidelity speaker
- Yealink Noise Proof Technology
- Full-duplex
- Echo cancellation

## Operating System

- Android 9.0

## 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
- Teams Edition
  - Microsoft DM
  - Proximity join
- Zoom Edition
  - Zoom DM
  - Direct sharing

## 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 (2.4GHz/5GHz)
- Built-in Bluetooth
- 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
- Simple Certificate Enrollment Protocol (SCEP) * coming soon

## Connections

- 2 x HDMI output (CEC supported)
- HDMI input (through the VCH51 Sharing Kit)
- Motion sensor (Teams supported)
- 1 x USB 2.0
- 1 x 10/100M/1000M 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

- Storage: built-in 64 GB (Available: 40G)

## 

- Chipset: Qualcomm Snapdragon 845 chipset
- Power Adapter: AC 100~240V input
- USB Output: 5V === 0.5A
- Power consumption (PSU):
  Idle < 10W; Normal operating: 10.5W; MAX: 14W
- Dimension (W.D.H): 600 mm x 68 mm x 82 mm
- Operating humidity: 10~95%
- Operating temperature: 0~40°C
- Storage temperature: -30~70°C

## MeetingBar A20 Package

- Package contents:
  - MeetingBar A20 endpoint
  - 3m Ethernet cable
  - 2 x 1.8m HDMI cable
  - Mounting Bracket and Accessories
  - Power adapter
  - Quick Start Guide
  - Controller (optional):
    CTP18 Touch Panel
    VCR20 Remote Control
  - Content sharing(optional):
    VCH51 Sharing Kit (HDMI/USB-C)
    WPP20 Wireless Presentation Pod
- Carton Meas: 674*136*195mm

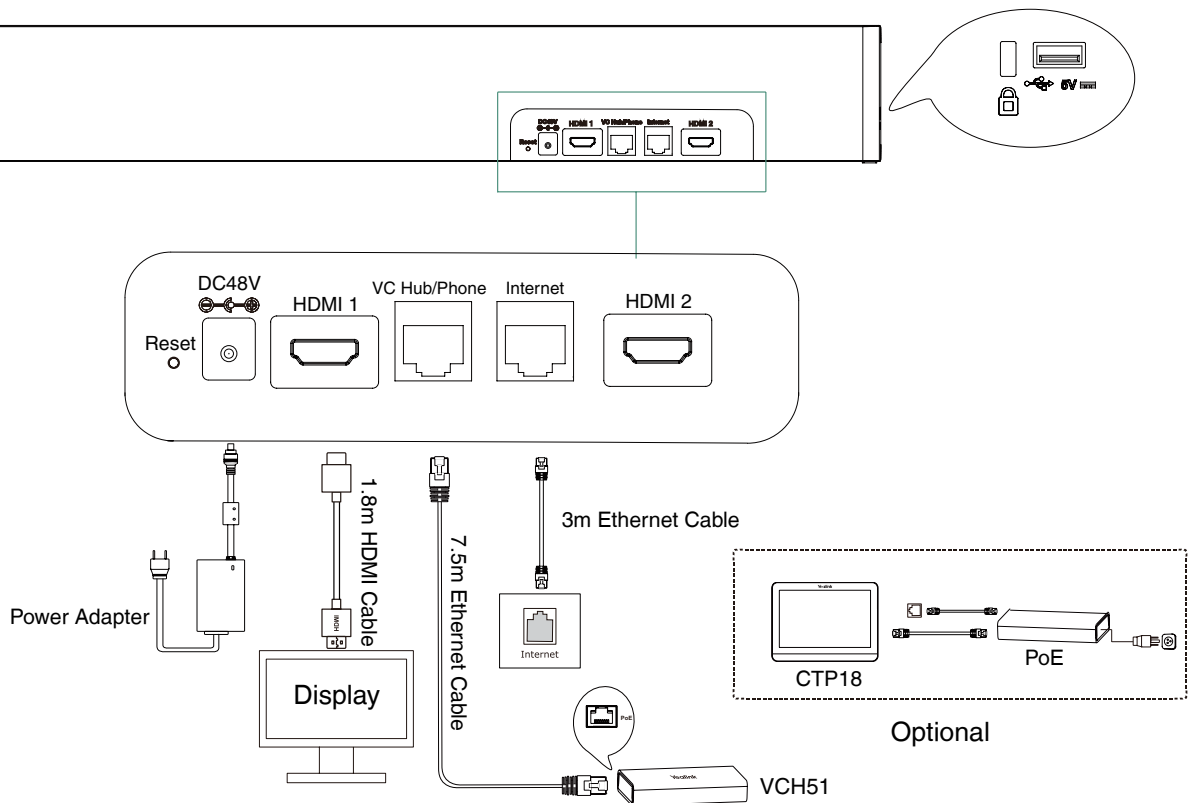## MeetingBar A20 + CTP18 Package

- Carton Meas: 685*293*215mm

## Compliance

CE  ⬥  FCC Certification  ✓ RoHS Compliant  REACH  ISO 9001

CCC  NOM  ⟁ANATEL

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Coming Soon:
① The Zoom version does not support this feature yet.

# Endpoint Connections



DC48V
Reset
HDMI 1
VC Hub/Phone
Internet
HDMI 2
Power Adapter
1.8m HDMI Cable
Display
7.5m Ethernet Cable
3m Ethernet Cable
Internet
PoE
VCH51
CTP18
PoE
Optional

## Note:

- If you connect a touch display device, you can operate the A20 either by remote control or touch control.
- If you connect a non-touch display device, you can use the remote control, mouse or CTP18.

**About Yealink**

Yealink (Stock Code: 300628) is a global brand that specializes in video conferencing, voice communications and collaboration solutions with best-in-class quality, innovative technology and user-friendly experience. As one of the best providers in more than 140 countries and regions, Yealink ranks No.1 in the global market share of SIP phone shipments (Global IP Desktop Phone Growth Excellence Leadership Award Report, Frost & Sullivan, 2019).

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**Technical Support**

Visit Yealink WIKI (http://support.yealink.com/) for firmware downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to use Yealink Ticketing system (https://ticket.yealink.com) to submit all your technical issues.

# Yealink

# A Collaborative Meeting Experience at Your Fingertips

CTP18 is a collaboration touch panel that can be paired with video conference endpoint. Its 8-inch touch screen and native Teams or Zoom controller experience allow users to join or control a meeting quickly and effortlessly. It greatly reduces the difficulty of using video conferencing system and creates a better meeting experience. Cooperating with Microsoft Teams or Zoom, CTP18 can be paired with video conference endpoint and configure the paired device that make the meeting more communicative and collaborative.

| | | | |
|---|---|---|---|
| Android 9.0 OS | 8-inch Multi-touch Screen | Meeting Control | Connect with Video Conference Endpoint |
| Power over Ethernet | Adjustable Screen Angle | Wi-Fi & Bluetooth | Ultrasonic |

## Key Features and Benefits

### Richer and Easier Meeting Control Features

CTP18 adopts effortless and native Microsoft Teams or Zoom controller experience, making meeting control could not be 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 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 multi-directional operations.

### Clutter-free Meeting Space

CTP18 supports PoE where one cable carries both data and power for the device. CTP18 supports configuration of paired devices and meeting control features it eliminates the troublesome wiring connection between the TV area and the conference table, creating a clean and well-organized meeting space.

- 8-inch Multi-touch Screen
- Connect to video conference endpoint
- Power over Ethernet
- Meeting control
- Support presentation
- Ultrasonic
- Wall mountable

### Operating System

• Based on Android 9.0

### Display

• Screen: 8-inch

• Resolution: 1280*800

• 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

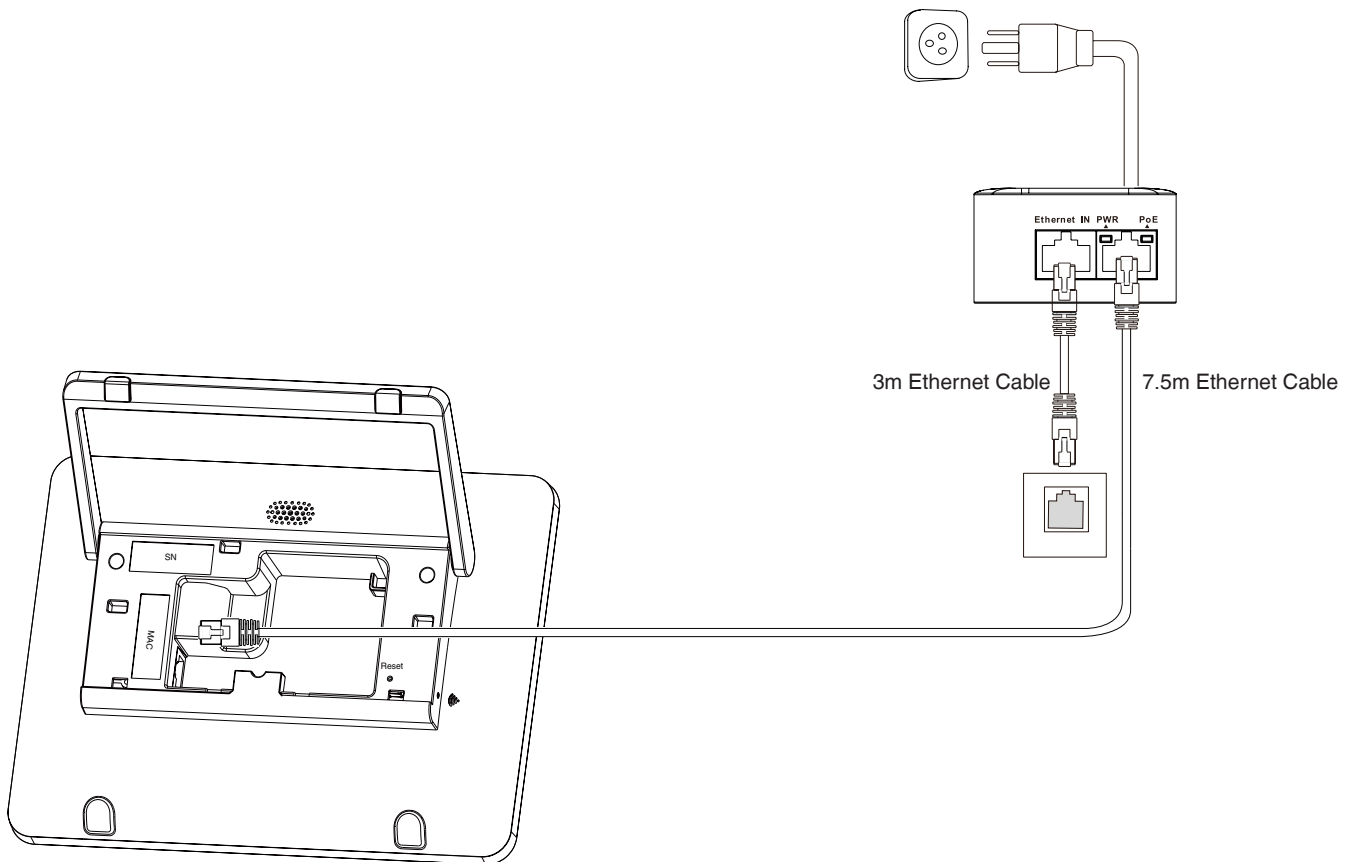• Built-in certificate

### CTP18 Connection

• 1 x USB 2.0

• 1 x Ethernet port (RJ-45) (PoE supported)

• 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*151*100; 28° 202*151*91.5

### CTP18 (Teams & Zoom Edition) 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*203*148mm



3m Ethernet Cable    7.5m Ethernet Cable

# Yealink

**About Yealink**

Yealink is a global leading provider of enterprise communication and collaboration solutions, offering video conferencing service to worldwide enterprises. Focusing on research and development, Yealink also insists on innovation and creation. With the outstanding technical patents of cloud computing, audio, video and image processing technology, Yealink has built up a panoramic collaboration solution of audio and video conferencing by merging its cloud services with a series of endpoints products. As one of the best providers in more than 140 countries and regions including the US, the UK and Australia, Yealink ranks No.1 in the global market share of SIP phone shipments.

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**Technical Support**

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