# UVC84 Datasheet

## An actual 4K camera brings extreme sharpness to every meeting space

Combined with a 4K sensor and revolutionized new ID design, the Yealink UVC84 USB camera provides the best video experience for your meeting. Featured 12x optical lossless zoom and 3x digital zoom, UVC84 reproduces every detail in the meeting room, perfectly fitting for medium and large rooms. Furthermore, UVC84 covers a wide field of view of 80°, with a mechanical pan and tilt that can be easily done by remote control or Yealink camera control plug-in software. To protect user's privacy, the camera will turn the lens down automatically if close the meeting. Also will turn on the camera automatically if start the meeting. Delivering best-in-class video quality to all participants, Yealink UVC84 is the ideal choice for truly collaborative, true-to-life communication.



### Key Features and Benefits

- 4K video
- 12x optical zoom, 3x digital zoom, presenting crystal-clear video image
- Mechanical Pan, Tilt and Zoom
- Auto Framing feature, more intelligent meeting experience
- Smooth PTZ control by remote control or Yealink camera control plug-in
- Audio integration, perfect work with Yealink audio device

#### 4K Ultra HD Video Quality

UVC84 camera delivers 4K video output with excellent sharpness and smoothness, accurately reproducing every detail and color, therefore awarding you a vivid video experience.

#### 36 HD Zoom, 80° Field of View

With 12X optical plus 3X digital zoom and 80° field of view, UVC84 can easily cover a medium or large meeting space. The remote party can clearly see everyone sitting in the meeting room.

#### Integrated with Audio

UVC84 camera integrates the audio feature in it as well. Perfectly working with the UVC84 camera, VCM34 array microphone or VCM38 ceiling microphone combined with the MSpeaker II soundbar is capable of providing a wonderful audio experience.

#### Auto Framing

UVC84 camera aims to provide a better auto framing feature to free your hands from doing PTZ control and make you focus on your meeting.

Multiple Installation Options

The complete mounting kits allow you to put UVC84 on the conference table or mount it on the top of the TV, on the wall, on the ceiling, onto a TV stand or on a tripod with great flexibility according to your needs.

## Specification

| Parameter | Description |
|---|---|
| Package Content | · UVC84 Camera<br>· VCR20 remote control<br>· Power adapter<br>· Wall bracket and accessories<br>· 7m USB cable |
| Camera | · 4K sensor<br>· 80° FoV<br>· 36X HD Zoom, 12X optical plus 3X digitalPan: ±100°, Tilt: +45°, -90°<br>· 9x Camera presets |
| UVC84 Connections | · 1 x USB2.0 Type-B port<br>· 1 x USB2.0 Type-A port<br>· 1 x Yealink microphone port (RJ-45)<br>· 1 x 3.5mm line-out port<br>· 1 x Power port<br>· 1 x Security lock slot<br>· 1 x Reset slot |
| Product Specification | · UVC84 Camera:<br>- Sleeping Dimensions (W.D.H): 156 mm x 156 mm x 183 mm<br>- Working Dimensions (W.D.H): 156 mm x 156 mm x 156 mm<br>- Working Height: 156 mm - 192 mm<br>· N.W: 2.9 kg |
| Other Physical Features | · External Yealink Power Adapter: AC 100~240V input and DC 48V/0.7A Output<br>· Operating humidity: 10 - 95%<br>· Operating temperature: 0 - 40°C |

For more information, please go to the Yealink official website.

Yealink

CP50

# Video Conferencing Speakerphone

Yealink CP50 is a professional-grade conference room speaker that integrates noise reduction, echo cancellation, and reverberation removal. It features Yealink' s audio solutions and is equipped with an upgraded 8-unit omnidirectional microphone array for 360 ° pickup. It effectively eliminates conference room noises, including reverberation, echo, air conditioning vibration, and keyboard typing. Paired with high-quality full-frequency speakers, it delivers clearer and more natural human voice. It supports daisy-chaining for expanded conference spaces and flexible deployment, ensuring stable calls and clear video conferences, providing an immersive audio communication experience.



## Key Feature

### High-quality sound, smooth calls

Equipped with Yealink audio algorithms and an 8-unit omnidirectional microphone array, CP50 provides 360° sound pickup and effectively eliminates environmental noise. The high-quality full-frequency speakers make the sound clearer and more natural.

### Full-duplex

Full-duplex allows for clear bidirectional communication, ensuring smooth and clear conversations during meetings.

### Multi-unit cascading for distributed scenarios

Up to 8 devices can be cascaded via POE cable, meeting the pickup and amplification needs of different sizes of conference rooms, effectively avoiding sudden changes in sound volume and ensuring smooth communication (When cascading 4 or more CP50 devices with CPE40, it is necessary to choose the optional DC 48V/2A power adapter).

### Integrated meeting control

Features integrated mute, volume +, volume -, and Bluetooth physical buttons, synchronizing with meeting software status for easy control of the meeting.

### Multiple connectivity options

USB port for connecting to PC; internet port for connecting to video conferencing endpoint hosts; Bluetooth for connecting to mobile devices.

### Wired content sharing/BYOD

When used with M500 and other devices, it can directly connect to a PC via Type-C for instant content sharing. When used UVC85 and other devices, it can directly connect to a PC via Type-C for utilizing conference room audio-visual peripherals during computer-based meetings.

# Specifications

## Power Supply

- Average power consumption: 7.2W
- Power input:
  - DC power adapter: DC48V/0.7A or DC48V/2A
  - PoE power: Not supported
- Power output:
  - USB external power: Not supported

## Microphone

- Built-in 8-microphone array
- Pickup distance: 6m
- Signal-to-noise ratio: 71.8dB SPL @1kHz, A-weighted
- Maximum sound pressure level: 122dB SPL @ 1KHz, THD<1%
- Sensitivity: -38dB±1dB @ 1KHz (0dB = 1V/Pa)
- Frequency response: 100Hz~12KHz
- Sampling rate: 48KHz
- Bit depth: 16bit

## Speaker

- Built-in 1 x 4W speaker
- Maximum output power: 6W
- Effective power (RMS): 4W
- Sensitivity: 100dB SPL +/-3dB SPL @0.1m, 1W
- Frequency response: 100Hz~20KHz

## Audio Cascading

- When equipped with a standard 48V0.7A power supply, the CP50 can cascade up to 3 CPE40 units.
- With an optional 48V2A power supply, the CP50 can cascade up to 7 CPE40 units.

## Audio Technology

- 360° omnidirectional pickup
- Full-duplex technology
- Automatic gain control
- Second-generation AI intelligent audio technology:
  - Intelligent noise cancellation
  - Intelligent echo cancellation
  - Intelligent reverberation cancellation

## Hardware Interfaces

- Interface
  - 1×DC48V power interface
  - 1×Codec port: Connects to UVC cameras (e.g., UVC85) or VC main units (e.g., MeetingEye 500)
  - 1×Audio port: Connects to CPE40
  - 1×Type-C port: Connects to a computer
- Wireless
  - Wireless Bluetooth 5.0, stable transmission distance of 10m (unobstructed environment)

## Environmental

- Operating humidity: 10~95%, non-condensing
- Operating temperature: 0~40°C
- Storage temperature: -30°C~70°C

## Package Features

- Package includes:
  - CP50
  - DC power adapter(standard 48V/0.7A, optional 48V/2A)
  - 7.5m Ethernet cable
  - 1.2m dual-head USB-C cable
  - Cable ties*2
  - Cable cover*1; Screw*2
  - Quick Start Guide
- Quantity:4
- N.W/CTN: 6.1 kg
- G.W/CTN: 6.7 kg
- Dimensions: 665 *221 * 252 mm
- Giftbox Size: 241 * 216 * 162 mm
- Carton Size: 665 * 221 * 252 mm

**About Yealink**

Yealink (Stock Code: 300628) is a global-leading provider of Unified Communication & Collaboration Solutions specialized in video conferencing, voice communications, and collaboration, dedicated to helping every person and organization embrace the power of "Easy Collaboration, High Productivity".

With best-in-class quality, innovative technology, and user-friendly experiences, Yealink is one of the best providers in more than 140 countries and regions, ranks No.1 in the global market share of IP Phone, and is the Top 5 leader in the video conferencing market (Frost & Sullivan, 2021).

For more information about Yealink, click here.

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