

VCM34 Datasheet

Introduction

VCM34 is a newly designed conference microphone by Yealink with a built-in three-microphone array, which can obtain a 360° omnidirectional sound pickup experience. With Yealink's algorithm, it has a full-duplex call function up to 6 meters. With Yealink's algorithm, it has a full-duplex call function up to 6 meters. VCM34 adopts a standard PoE power supply and only needs a standard network cable to complete the deployment, avoiding the tedious wiring. Connect a single conferencing endpoint to multiple VCM34 microphones, and the sound pickup range can cover every corner of the meeting room.

VCM34 adopts high-quality echo cancellation technology and Yealink patented intelligent noise reduction technology, which can effectively filter out environmental noise within 90 decibels, thus maintaining clear and fidelity voice quality. High-quality sound pick-up effect and comprehensive coverage of meeting rooms enable you to realize a full range of high-fidelity audio experiences in a vast space, allowing you to detect any changes in the audio details of the venue, grasp the status of each venue at any time, and control the meeting more clearly.

VCM34 is a video conferencing microphone array that can work as the audio input device for the Yealink Video Conferencing System or Yealink UVC PTZ Camera to match more meeting room scenarios and reduce installation costs.



Optima
HD Audio



Microphone
Array



Cascadable 4
with VCS system



Cascadable 6
with MVC system



Power
over Ethernet

Key features and benefits

- Built- 3 in Microphone column
- 20ft (6m) and 360° voice pickup range
- Yealink Noise Proof Technology
- Power over Ethernet (PoE)
- Up to 4 or 6 units can be cascaded with different Video Conference Systems.

- Mute button with bicolor LED

Specifications

Specifications	Description
Audio Features	<ul style="list-style-type: none"> • Built-in 3-microphone array • 360° voice pickup • Optima HD voice • 10 ft (3 m) high-quality voice pickup range <p>Maximum 20 ft (6 m) voice pickup range</p> <ul style="list-style-type: none"> • Muting the microphone with touchpad • Background noise suppression • VAD (Voice Activity Detection) • CNG (Comfort Noise Generator) • AEC (Acoustic Echo Canceling) • Yealink Noise Proof Technology • Up to 4 units can be cascaded with Video Conference System <p>Up to 6 units can be cascaded with Microsoft Video Conference System</p> <ul style="list-style-type: none"> • Frequency Response: between 100Hz and 12KHz
Physical Features	<ul style="list-style-type: none"> • 1 × RJ45 for ethernet and power • 1 × RJ45 for cascading • Power over Ethernet (IEEE 802.3af) • Power input: PSE 54V/0.56A or PoE 48V/0.27A • Dimension (W* D* H): 169 x 171.5 x 37.5 mm • Operating humidity: 5 - 90% • Operating temperature: 0 - 40°C (+32 - 104°F)
Package Content	<ul style="list-style-type: none"> • VCM34 • 3 m Ethernet Cable • Silicone Pad • Quick Start Guide • Qty/CTN: 10 PCS • N.W/CTN: 4.26 kg • G.W/CTN: 4.93 kg • Giftbox size: 310 x 196 x 80 mm • Carton Meas: 410 x 402 x 218 mm

Device Compatibility

- [Teams Room Accessories Compatibility Lists](#)
- [Zoom Rooms Accessories Compatibility Lists](#)

How to Use

VCM34 has different features when working with different video conferencing endpoints. For more information, please refer to the corresponding documents.

Teams Version:

- Connect the VCM34 to MeetingBar: [VCM34 Array Microphone](#)
- Connect the VCM34 to MVC System: [VCM34 Array Microphone](#)

Zoom Version:

- Connect the VCM34 to MeetingBar: [VCM34 Array Microphone](#)
- Connect the VCM34 to ZVC System: [VCM34 Array Microphone](#)

RingCentral Version:

- Connect the VCM34 to MeetingBar: [VCM34 Array Microphone](#)

Mute/Unmute Microphone

1. Press the **Mute** button on your VCM34 to mute the microphone. The mute LED indicator turns red.
2. Press the **Mute** button again to unmute the microphone.
 - When the device is in standby mode, the mute LED indicator is off.
 - When the device is on a call/in a meeting, the mute LED indicator turns green.