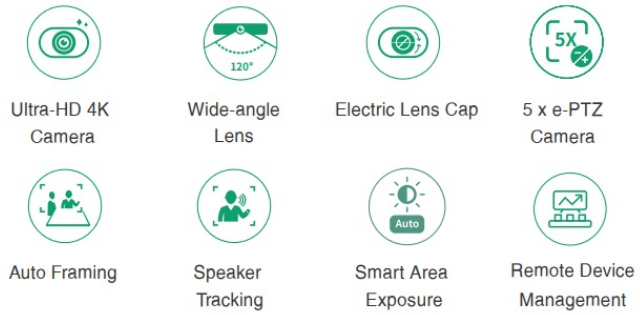
UVC40 E2 Datasheet

All-in-One USB Video Bar for Small and Huddle Rooms

Yealink UVC40 E2 is an all-in-one intelligent USB meeting device for small and huddle rooms. Featuring 4K ultra-HD imaging and a 120° super-wide-angle lens, UVC40 E2 delivers outstanding video quality. Together with the electric lens cap, its AI technologies, including Auto Framing, sound localization, Speaker Tracking, and so on, allow users to experience a smarter and safer video conference. With 8 MEMS microphone arrays and a high-fidelity speaker, UVC40 E2 brings excellent call quality even in full-duplex mode. Additionally, it offers the option to expand the conference room boundaries with wireless or wired microphone extensions, enhancing the versatility of its usage. Moreover, UVC40 E2 supports remote management on the Yealink Device Management Platform via a wired network.



Key Features and Benefits

- Ultra-HD 4K Camera
- Super-Wide 120° Field of View
- Electric lens cap
- Built-in 8 MEMS microphone arrays
- Wireless/wired expansion microphone
- Wired network, remote device management
- Auto Framing and Speaker Tracking
- Applicable to most popular video conferencing platforms

Ultra-HD 4K Camera | Super-Wide 120° Field of View | Smart Area Exposure

1/1.8-inch CMOS ultra-HD 4K lens, clear and smooth video calls, vivid and detailed presentation. The 120° ultra-wide view easily covers every corner of the meeting room, capturing all participants. Smart area exposure enhances overall brightness through AI image algorithms for better face and picture presentation.

Smart Video Conferencing with AI Technology

Featuring AI technology, including Auto Framing, Speaker Tracking, and Sound Localization, UVC40 E2 not only supports framing the groups automatically according to the number and position of the participants but also automatically zooms in on the speaker without adjusting the camera, making participants more focused on the conference.

Precise Sound Localization, Full-Duplex Experience

8 MEMS microphone arrays give UVC40 E2 stronger noise-proofing and dereverberation ability. The newly upgraded beamforming algorithm, together with technology for processing acoustic echo cancellation and dereverberation, brings high-quality full-duplex calls and provides more precise voice pickup. It supports an optional wireless/wired expansion microphone to expand the boundaries of conference room usage while maintaining an exceptional audio experience.

Secure Conference with Electric Lens Cap

The camera's electric lens cap automatically opens when the video conference starts and remains closed when not in a video conference, securing your conference privacy.

Integrated Design | Standard UAC/UVC Devices | Device Management

With a compact design for fast deployment, the UVC40 E2 includes a wall mount bracket, a TV mount bracket, and an optional desktop stand. As a standard UAC/UVC device, UVC40 E2 is compatible with most video conferencing platforms. By connecting to a wired network, UVC40 E2 supports remote device management, configuration, diagnosis, and upgrades.

Specifications

Parameter	Description
Package Content	· UVC40 E2 all-in-one USB video bar · VCR20 Remote Control, 2 x AAA battery · Power adapter · Wall bracket and accessories · TV Mount Bracket and Accessories · 7m USB cable · Desktop Stand (optional) · Velcro · Quick Start Guide · Silicone Pad · Cable Ties
Camera	· 8MP Camera with SONY 1/1.8-inch CMOS · 120° Ultra-Wide Field of View · 5x e-PTZ camera · Electric lens cap · Camera presets · Video Output Maximum Resolution: 4K30fps
Audio	· Built-in 8 MEMS microphone array · Voice pickup distance: 6 m · Signal-to-Noise Ratio: 72dB · Dynamic Range: 22-130dB · Sensitivity: -38dbv/pa · Frequency Response: 50-20kHz · Sampling Rate: 48kHz · Bit Depth: 32bit

Speaker	· Built-in 5W High-Fidelity Speaker · Frequency Response: 105-20kHz · Sensitivity: 84dB SPL @ 1W @ 0.5 meter · Sampling Rate: 48kHz · Sound emission angle: Forward-facing · Total Harmonic Distortion (THD): at 5W, 1kHz, ＜5% · Rated Impedance: 4 ohms · Rated Power: 5W · Maximum Power: 7W
Audio Codec and Technology	· Intelligent Noise Cancellation Technology (Yealink Proprietary) · Noise Suppression · Echo Cancellation · Acoustic Echo Cancellation · Automatic Lip Sync Detection · Automatic Gain Control · Full-Duplex Technology
AI Technologies	· Auto Framing · Speaker Tracking · Smart Area Exposure
System Requirement	· Windows 7, Windows 10, Mac OS 10.10 or Higher · Support for standard audio and video device drivers - UAC1.0 - UVC1.0
Physical Interfaces	· 1 x USB3.0 Type-B port · 1 x USB2.0 Type-A port · 1 x Yealink microphone port (RJ-45, it can be switched to Ethernet connection for wired network connectivity) · 1 x Power port (48V/0.7A) · 1 x Security lock slot · 1 x Reset slot · Built-in Wi-Fi
Manageability	· Yealink RoomConnect management tool · Yealink Management Cloud Service/Device Management Platform
Power Supply	· Power Consumption - Average: 10.5W - Peak: 12.428W - Standby: 9.56W · Power Adapter: AC 100~240V Input, DC 48V/0.7A Output · USB Output: 5V · Supports PSE: 48V Output

Compatibility	· UVC40 E2 applies to most video conferencing platforms, including but not limited to the following: - Microsoft Teams - Zoom Room
Product Feature	· UVC40 E2: 600 mm x 68 mm x 82 mm · Weight: 1.37 kg N.W/CTN: 13 Kg · Wall Bracket: 127.5 mm x 143 mm x 82 mm
Package Feature	· Giftbox Size: 674mm x 136mm x 195mm · Carton Size: 685mm x 290mm x 397mm · N.W/CTN: 13 Kg · N.W/CTN: 14 Kg · Quantity: 4
Other Physical Features	· External Yealink Power Adapter: AC 100~240V input and DC 48V/0.7A Output · Operating humidity: 10 - 95% · Operating temperature: 0 - 40°C · Storage temperature: -30°C~70°C