

Yealink MVC860-C5U Datasheet

Microsoft Teams Rooms System for Medium and Large Meeting Rooms

The Yealink MVC860 is a cutting-edge solution for Microsoft Teams Rooms, designed to enhance collaboration and ideal for medium- and large-sized meeting spaces. This set includes the new generation mini-PC MCore 4, the large-screen touch panel MTouch Plus, the intelligent 4K PTZ camera UVC86, and the intelligent detection sensor RoomSensor.

Powered by the Intel Ultra5 125H processor, the MCore 4 delivers outstanding data processing capabilities and mighty AI computing power, offering a stable and efficient video conferencing experience. The UVC86 intelligent PTZ camera supports multiple tracking features, such as Auto Framing, Speaker Tracking, and Presenter Tracking. It supports 4k video output and has a 12x optical zoom lens to provide clear and lossless images. The UVC86 provides you with a face-to-face, intelligent, and smooth meeting experience by accurately recreating every moment and detail.

Additionally, to streamline meeting control, the MTouch Plus features an 11.6-inch touch interface for intuitive device operation, while the RoomSensor intelligently detects the occupancy status of the meeting room and simultaneously displays real-time environmental metrics like temperature and humidity on the MTouch Plus interface, delivering intelligent room management solutions. The MVC860 also supports both wired and wireless screen sharing, enabling participants to share content effortlessly. Meanwhile, the system's simple deployment and remote management capabilities make it easy to install and maintain, reducing setup time and operational complexity.



Key Features and Benefits

Dual-Eye 4K Camera with Clear Display of Every Participant

The UVC86 includes a dual-eye 4K camera: a panoramic camera for real-time participant detection and a PTZ camera for the clearest participant view. The PTZ camera supports a 12x optical zoom lens to provide clear and lossless images. It provides you with a face-to-face, intelligent, and smooth meeting experience by accurately recreating every moment and detail.

Powerful Intelligent Tracking delivers immersive Meetings

The UVC86 supports multiple tracking functions: Auto Framing, Speaker Tracking, and Presenter Tracking. The dual-eye design ensures the tracking remains stable and smooth for an optimal experience. When multiple UVC86 units are used together, they expand the shooting range and introduce advanced capabilities such as Multi-camera Intellifocus, Intelliframe, Mic and Camera Linkage. These features improve tracking accuracy and coverage, creating a more professional and efficient online meeting environment.

Seamless cross-device compatibility, delivering premium meeting audio

The UVC86 is compatible with a wide range of Yealink audio devices, like VCM35/36, CM20, and MSpeaker Pro. Powered by exceptional audio processing technology, it precisely captures each detail in meetings, ensuring

clear and natural sound whether it's remote speaking or multi-person discussions. This enables smoother and more efficient communication, delivering a professional-grade audio experience for every attendee.

Seamless Meeting Experience with Native Microsoft Teams Integration

The entire MVC860 bundle is equipped with a native Microsoft Teams user interface, ensuring a familiar and intuitive experience for users. The MTouch Plus touch panel provides easy access to one-click conferencing, call control, camera adjustments, and content sharing, while the RoomSensor automatically wakes up the system as participants enter the room. This seamless integration ensures that meetings start effortlessly and run efficiently, enhancing productivity and collaboration.

Outstanding Data Processing Capability

At the core of the MVC860 is the MCore 4, powered by the Intel Ultra5 125H processor, boasting exceptional data processing capabilities and powerful AI computing capabilities with its NPU. It ensures smooth and efficient meetings, enabling intelligent conferencing features. The MCore 4 empowers smart meeting rooms, providing a stable and efficient operating environment for immersive remote communication.

Real-Time Content Sharing for Enhanced Collaboration

The bundle supports both wired and wireless content sharing for maximum flexibility. Wireless content sharing is made simple with the WPP30 adapter, enabling one-click sharing at 1080P/30fps resolution for a superior viewing experience. Wired sharing is also available via USB-C or HDMI ports. Additionally, the MCore 4 is equipped with an HDMI-In interface, supporting 4K resolution auxiliary stream input to ensure lossless image presentation, further enhancing the content-sharing experience.

Simple Deployment and Easy Use

A single CAT5e cable is sufficient to connect the MCore 4 and MTouch Plus, enabling both data transmission and power supply without the need for additional cables or power sources. Additionally, the RoomSensor operates via Bluetooth (BLE), eliminating the need for extra cables.

Remote Device Management

These devices can support the Yealink Device Management Platform/Cloud Service, enabling remote management, monitoring, configuration, updates, and diagnostics of all connected devices. This feature ensures that your meeting room is always up-to-date and operating at peak performance.

Specifications

Parameter	Description
Package Content	• MCore 4 • MTouch Plus • RoomSensor • UVC86
Preload	• Windows 11 IoT enterprise X64

	• Windows 11 IoT enterprise license • Microsoft Teams rooms app • Yealink RoomConnect
MCore 4, Gen-4 Mini-PC	• Processor: Intel Ultra5 125H • Memory: 16GB(2*8GB) DDR5 • Storage: 256GB SSD BIOS feature: • 3x HDMI video output - CEC - EDID • TPM2.0 • Kernel DMA Interfaces: • 1 x HDMI-Out 2.1 port • 2 x HDMI-Out 2.0 port • 1 x HDMI-In port • 4 x USB3.0 Type-A port • 1 x MTouch port (RJ-45) • 1 x LAN port for AV network • 1 x 10/100/1000 Gigabit Ethernet port • 1 x power supply port • 1 x 3.5mm headphone port • 1 x reset port • 1 x security slot • WiFi: IEEE 802.11 a/b/g/n/ac/ax • Bluetooth: BT 5.2
MTouch Plus	Physical features: • 11.6-inch narrow bezel IPS display • Angle between screen and desktop (30° ~ 70°) • Adjustable angle of support frame (50° ~ 180°) Function features: • 920 x 1080 video resolution • Support wired and wireless (with WPP30) content sharing • Support external PD power supply to power the sharing device • Support HDMI/USB-C video input • Support desktop placement, desktop fixed, and wall-mounted deployment
RoomSensor	• Detection angle: 120° • Adjustable detection angle: $\pm 20^\circ$ • Operating temperature: 0-40°C • Operating humidity: 10-95%

UVC86	Camera: • PTZ Camera: 12×optical zoom • 90° DFOV, 81° HFOV, 50° VFOV (PTZ camera) • 120° DFOV, 110° HFOV, 78° VFOV (Panoramic camera) AI feature: • Auto Framing • Speaker Tracking • PIP • Multi Focus • Presenter Tracking (Wide Area, Stage, and Segment Tracking) Interfaces: • 1 x USB3.0 Type-B Port • 1 x USB2.0 Type-A Port • 1 x Yealink VCH Port (RJ45) • 1 x 3.5mm Line-In Port • 1 x Power Port • 1 x Security Lock Slot • 1 x Reset Slot • 1 x HDMI Out Port
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