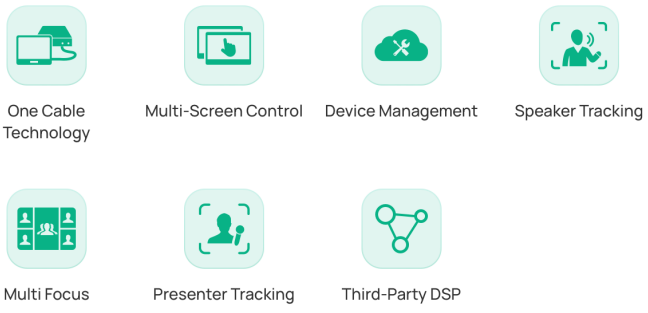
Yealink MVC 860-C5 Datasheet

Microsoft Teams Rooms System for Medium and Large Meeting Rooms

Yealink MVC860 is specially designed for medium and large conference rooms. This set includes new generation high-performance MINI-PC MCore Pro, touch panel MTouch Plus, and intelligent 4K PTZ camera UVC86. Yealink third generation MINI-PC MCore Pro combines aesthetics with practicality, has three HDMI ports, and comes with EDID, providing a flexible and reliable deployment solution for conference rooms. The 11.6-inch ultra-large and narrow frame touch panel MTouch Plus is the signature product of the third generation of Yealink. MTouch Plus innovatively supports multiple panels to control meetings at the same time*, allowing multiple people to synchronize meeting operations and fully control the meeting process. Support for third-party screen sharing*. Equipped with Yealink conference room sensor RoomSensor, realize stable wake-up experience and conference room environment detection*. Yealink UVC86 intelligent PTZ camera supports multiple tracking functions, such as auto-frame, speaker tracking, and presenter tracking. The UVC86 camera supports 4k video output and has a 12x optical zoom lens to provide clear and lossless images. UVC86 provides you with a face-to-face, intelligent, and smooth meeting experience by accurately recreating every moment and detail. You can choose to use wired (VCM35, VCM38) or wireless (VCM36-W, CPW65) microphones for pickup, adaptive desktop placement, ceiling deployment, and other diverse conference room deployment scenarios.

*This feature will be supported in future versions





Key Features and Benefits

Intelligent tracking, Free your hands

Yealink UVC86 intelligent PTZ camera supports multiple tracking functions: Auto-framing, Speaker Tracking, and Presenter Tracking. Speaker Tracking of Yealink UVC86 supports region trigger, without

the operate, automatic framing speaker; Supports gesture turn ON/OFF so that it can be used in every scenario; Equipped with Yealink camera plug-in controller, the camera can freely switch at any time in up to 9 preset positions, and can also quickly switch preset tracking modes, one step adjustment, one step in place. The UVC86 camera supports 4k video output and has a 12x optical zoom lens to provide clear and lossless images. UVC86 provides you with a face-to-face, intelligent, and smooth meeting experience by accurately recreating every moment and detail.

Big and flexible conference control experience

Yealink third-generation touch panel MTouch Plus, with an 11.6-inch narrow-frame touch area, is the iconic product of Yealink's third generation. Yealink third-generation touch panel innovatively supports multiple panels to control conferences at the same time*. You can freely choose the deployment position of each panel according to the deployment needs of the conference room and fully control the conference process.

Flexible audio, Flexible connectivity

Users can choose to use wired (VCM35, VCM38 Ceiling microphone) or wireless (VCM36-W, CPW65) microphones for miking. Users can adapt to various conference room deployment scenarios, such as desktop placement and ceiling placement. Yealink’ s unique sound processing algorithm can dynamically eliminate reverberation and noise according to the ambient sound in real-time, effectively eliminate background interference and noise, and allow you to enjoy crystal-clear voice at any time. By cooperating with third-party manufacturers* such as Biamp, Nureva, Shure, and YAMAHA, MVC860 can support their devices to access the conference system.

*Please visit the website to find the compatibility list of third-party audio equipment.

Convenient screen sharing and fast BYOD solution*

The MVC860 supports Yealink's unique WPP30 wireless content sharing solution and third-party content sharing solution, providing participants with maximum flexibility. Users only need to plug in WPP30 or pair it with third-party screen sharing. Can one key initiate content sharing. With a high resolution of 1080P/30 frames, it provides users with a better way to share content. It truly realizes the conference room experience that you want.

Simple to deploy, Easy to use

With the VCH port and USB port, the Yealink audio and video system is specially designed for video meeting rooms so that the deployment can be easily extended. At the same time, the cable management feature of Yealink MCore Pro ensures the wire connection's stability, and the most appropriate deployment can be achieved according to the layout of the meeting room. One CAT5e is enough to connect the TV area and the conference table area and to complete the data transmission and power supply. No additional power supply or extension cable is needed, which not only simplifies the deployment but also effectively reduces deployment costs.

Manage your devices remotely

This solution supports Yealink Device Management Platform/Cloud Service; you can flawlessly manage, monitor, configure, update, and diagnose all Yealink audio and video device peripherals on this platform remotely.

Specifications

Parameter	Description
Package Content	• MCore Pro, Gen-3 Mini-PC • MTouch Plus, Gen-3 touch panel • UVC86 USB PTZ camera • RoomSensor • MSpeaker II (optional) • VCM35 Array microphone (optional) • VCM36-W Wi-Fi wireless microphone (optional) • VCM38 Ceiling array microphone (optional) • CPW65 DECT wireless microphone (optional)
Preload	• Windows 11 IoT Enterprise X64 • Windows 11 IoT Enterprise License • Microsoft Teams Rooms App supports Skype for Business on-premise/ online and Teams meetings • Yealink RoomConnect
MCore Pro, Gen-3 Mini-PC	• 11th Gen Intel® Core i5 • Memory: 8 GB (2 x 4GB) • Storage: 128 GB SSD

	• 3x HDMI video output with CEC supported • TPM2.0 • Kernel DMA • EDID • Wi-Fi: IEEE 802.11 a/b/g/n/ac/ax • Bluetooth: BT 5.2 • 1 x Yealink MTouch port (RJ45), connect to MTouch Plus/MTouch E2 • 4 x USB 3.0 Type-A • 1 x 10/100/1000M Ethernet port • 1 x Power port • 1 x Security lock slot, Integrated cable management
MTouch Plus	• 11.6-inch narrow bezel IPS display • 1920 x 1080 video resolution • Angle between screen and desktop (30° ~ 70°) • Adjustable angle of support frame (50° ~ 180°) • Support wired and wireless (with WPP30) content sharing • Support multi-screen control* • Support third-party screen 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 *This feature will be supported in future versions
RoomSensor	• Detection angle: 120° • Adjustable detection angle: ±20° • Operating temperature: 0-40°C • Operating humidity: 10-95% • Power: Battery powered, 4-year life
UVC86 USB PTZ Camera	• 4K Sensor • 20.4 × HD zoom (12x optical, 1.7x digital) • Angle of view: - 90° DFOV, 81° HFOV, 50° VFOV (Telephoto lens) - 120° DFOV, 110° HFOV, 78° VFOV (Panoramic lens) • Auto-framing • Speaker tracking • Presenter tracking, support area trigger, and gesture control

	• Multi-focus • Picture-in-picture • Up to 9 preset positions can be set • Horizontal rotation: 200° • Vertical rotation: 130° • 1 x HDMI output • 1 x Yealink microphone port(RJ-45) • 1 x USB 3.0 Type-B port • 1 x USB 2.0 Type-A Port • 1 x Power Port • 1 x Security Lock • 1 x Reset Hole
MSpeaker II(optional)	• Frequency response: 106Hz-20 KHZ • Maximum Loud Pressure level: 88±3dB@8W / 1M • Sensitivity: 79±3dB@1W/1M • S/N: ⩾70dB • 3.5mm linear input interface
VCM35(optional)	• Built-in three-microphone matrix • 360° omnidirectional pickup • Signal to noise ratio: 60dB SPL@1KHz, A-weighted • Loudest Pressure level: 115dB@1KHz, THD<3% • Equivalent noise:

	-105dBFS(A) • Dynamic range: 81dBFS • Sensitivity: -45dB±2 • Frequency response: 100Hz-8KHz • 2m radius full duplex range • 5m pickup radius • Support star cascading • Two-color LED capacitive touch mute key
VCM38(optional)	• Built-in six-mic matrix • 360° omnidirectional pickup • Signal-to-noise ratio: 65dB SPL@1KHz, A-weighted • Maximum sound pressure level: 110dB@1KHz, THD<3% • Equivalent Noise: -110dBFS(A) • Dynamic Range: 81dBFS • Sensitivity: -45dB±2 • Frequency Response: 100Hz-8KHz • 2m radius full duplex range • 5m pickup radius • Up to 8 units can be cascaded • Two-color LED capacitive touch mute key

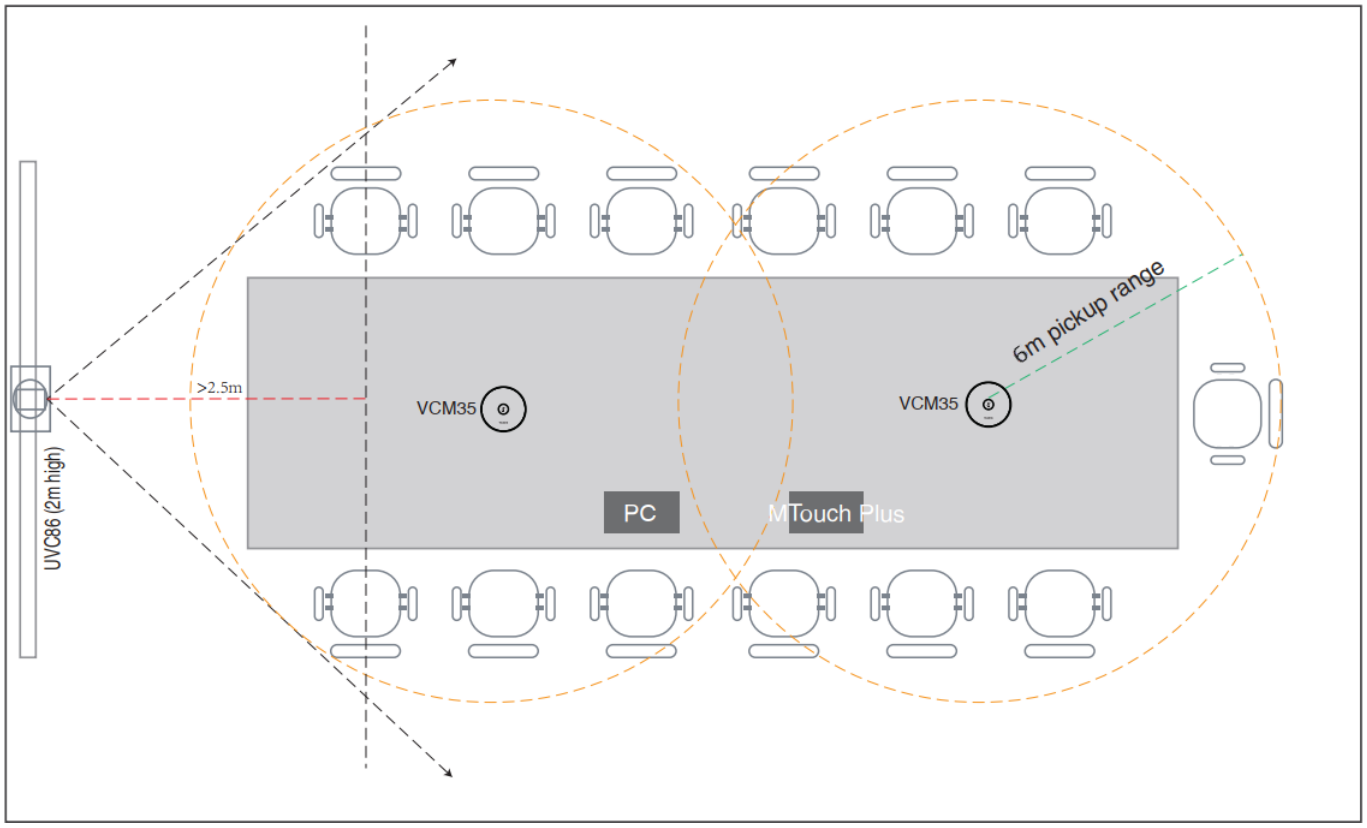
VCM36-W(optional)	• Built-in three-wheat matrix • 360° omnidirectional pickup • Signal to Noise ratio: 60dB SPL@1KHz, A-weighted • Loudest Pressure level: 115dB@1KHz, THD< 3% • Equivalent noise: -105dBFS(A) • Dynamic range: 81dBFS • Sensitivity: -45dB±2 • Frequency response: 100Hz-8KHz • 2-meter radius full duplex range • 6 m pickup radius • 2450mAh battery with wireless charging • 7 days standby time, up to 12 hours of continuous use • Two-color LED capacitive touch mute button
CPW65(optional)	• 360° omnidirectional pickup • Signal-to-noise ratio: 65dB SPL@1KHz,A-weighted • Loudest Pressure level: 110dB@1KHz, THD< 3% • Equivalent noise: -110dBFS(A) • Dynamic range: 81dBFS • Sensitivity: -32db+/-2 • Frequency response:

	100Hz-8KHz • 2-meter radius full duplex range • 6 m pickup radius • Use Yealink WDD60 for pairing • Two-color LED capacitive touch mute button
Package Features	• N.W/CTN: 6.88 kg • G.W/CTN: 7.54 kg • Carton Meas: 420mm x 275mm x 387mm

*This feature will be supported in future versions

Meeting Room Deployment Scenarios

The deployment positions of microphones and UVC cameras may affect your meeting experience. You can refer to the diagram below to deploy or adjust your conference room.



• 2m high: We recommend a camera deployment height of approximately 2 meters for an

improved meeting experience. You can adjust this based on your specific needs.

- UVC86 is a mechanically rotatable camera, giving you the flexibility to choose your framing and viewing angle.
- >2.5m: We suggest a minimum camera-to-person distance of 2.5 meters, which can be adjusted to suit your actual meeting room conditions.
- 5m pickup range: This indicates the excellent pickup range of the VCM35, with a pickup distance of up to 5 meters.
- PC and MTouch Plus are recommended deployment locations, but you can adjust them according to your specific requirements.

MVC Kit

Meeting Room Type	Model	Kit Contain
Medium and Large Meeting Room	MVC860-C5-000	UVC86 MCore Pro MTouch Plus RoomSensor
Medium and Large Meeting Room	MVC860-C5-710	UVC86 VCM35 MSpeaker II MCore Pro MTouch Plus RCH40 RoomSensor

For more information, refer to Yealink official website.