

# MVC640 Microsoft Teams Rooms System

## Microsoft Teams Rooms System for Medium Rooms

Yealink MVC640 is specially designed for medium **conference rooms**. MVC640 includes third-generation high-performance MINI-PC MCore Pro, touch panel MTouch E2, and high-performance 4K PTZ camera UVC84. In this portfolio, you can choose different pickup microphones according to the needs of different conference rooms, DECT wireless microphone CPW65 and Wi-Fi wireless microphone VCM36-W. The surprise is that UVC84 in the portfolio has excellent performance. It has a 4K lens that supports 12x optical zoom and 3x digital zoom, an 80° wide Angle and a pan-tilt that allows it to cover every corner of the conference room. The Auto-framing function of UVC84 will free your mind and let you focus on the meeting without thinking about the picture of the camera. With the Yealink camera plug-in controller, the camera can realize the preset position, one-step adjustment, and one-step in place.



One Cable Technology



3-Microphone Array



Yealink Camera Control Plug-in



Auto Framing



Wireless Content Sharing



Device Management



## Key Features and Benefits

### Native Microsoft Teams-tailored user interface, smooth conference experience

MTouch E2 has a built-in human motion sensor that allows it to wake up the conference system automatically. Native Teams user interface, one click to start a meeting. Multi-function integrated design allows MTouch E2 to easily complete call control, camera control, content sharing and other functions.

### Auto-framing

Yealink UVC84 camera allows for the auto-framing of all participants present at a meeting, freeing your hands and focusing on the meeting itself. Meanwhile, with the Yealink camera control plug-in and camera presets supported, the mechanical pan, tilt and zoom can be easily done quietly in one step. Empowered with 12x optical zoom, UVC84 supports 4K video calls that conduct business to capture everyone in the meeting room clearly.

### Content sharing in real time

The unique wireless content sharing solution provides participants maximum flexibility and a one-click content sharing can be simply realized by plugging into the WPP30. With a high resolution of 1080P/30 frames, it provides users with a better content sharing experience. Besides, wired content sharing is also available by connecting to the USB-C or HDMI port.

### 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, and 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	<ul style="list-style-type: none"> <li>· MCore Pro, Gen-3 Mini-PC</li> <li>· MTouch E2, Gen-3 touch panel</li> <li>· UVC84 USB PTZ camera</li> <li>· MSpeaker II(optional)</li> <li>· CPW65 DECT wireless microphone(optional)</li> <li>· VCM36-W Wi-Fi wireless microphone (optional)</li> <li>· WPP30 wireless presentation pod (optional)</li> </ul>
Preload	<ul style="list-style-type: none"> <li>· Windows 10 IoT Enterprise X64 / Windows 11* IoT Enterprise X64</li> <li>· Windows 10 IoT Enterprise License</li> <li>· Microsoft Teams Rooms App, support Skype for Business on-premise/online and Teams meetings</li> <li>· Yealink RoomConnect</li> </ul> <p>*Windows 11 will be supported in 23H2</p>
MCore Pro, Gen-3 Mini-PC	<ul style="list-style-type: none"> <li>· 11th Gen Intel® Core i5</li> <li>· Memory: 8 GB (2 x 4GB)</li> <li>· Storage: 128 GB SSD</li> <li>· 3x HDMI video output with CEC supported</li> <li>· TPM2.0</li> <li>· Kernel DMA</li> <li>· EDID</li> <li>· Wi-Fi: IEEE 802.11 a/b/g/n/ac/ax</li> <li>· Bluetooth: BT 5.2</li> <li>· 1 x Yealink MTouch port (RJ45), connect to MTouch Plus/MTouch E2</li> <li>· 4 x USB 3.0 Type-A</li> <li>· 1 x 10/100/1000M Ethernet port</li> <li>· 1 x Power port</li> <li>· 1 x Security lock slot, Integrated cable management</li> </ul>

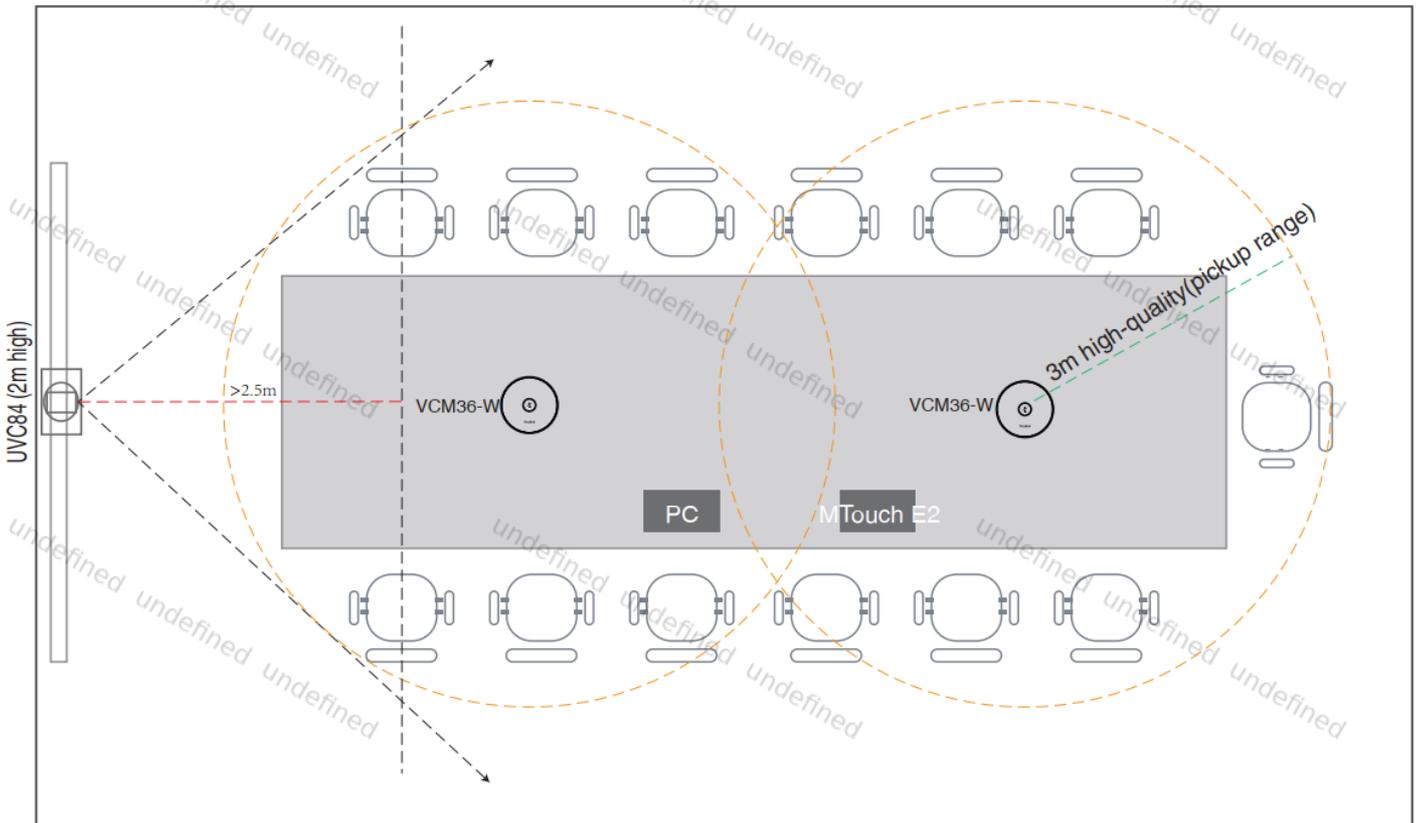
<p><b>MTouch E2 touch panel</b></p>	<ul style="list-style-type: none"> <li>· 8-inch IPS screen</li> <li>· 1280 x 800 resolution</li> <li>· 10-point capacitive touch screen</li> <li>· 3.5 mm headset jack</li> <li>· Angle adjustable bracket (28° - 50°)</li> <li>· 1080P/30FPS FHD for sharing</li> <li>· Support wired and wireless content sharing</li> <li>· Built-in Wi-Fi AP for Yealink wireless presentation device</li> <li>· HDMI/USB-C HD video input</li> </ul>
<p><b>UVC84 USB PTZ camera</b></p>	<ul style="list-style-type: none"> <li>· 4K Sensor</li> <li>· 12x optical zoom</li> <li>· Field of view (diagonal): 80°</li> <li>· Auto Framing</li> <li>· Camera presets</li> <li>· Pan range: 200°</li> <li>· Tilt range: 130°</li> <li>· 1 x Line-out (3.5mm)</li> <li>· 1 x Yealink Microphone port (RJ-45)</li> <li>· 1 x USB 2.0 Type-B</li> <li>· 1 x Power port</li> <li>· 1 x Security lock slot</li> <li>· 1 x Reset slot</li> </ul>
<p><b>MSpeaker II (optional)</b></p>	<ul style="list-style-type: none"> <li>· Frequency response: 106Hz-20 KHZ</li> <li>· Maximum Loud Pressure level: 88±3dB@8W / 1M</li> <li>· Sensitivity: 79±3dB@1W/1M</li> <li>· S/N: ≥70dB</li> <li>· 3.5mm linear input interface</li> </ul>
<p><b>CPW65 (optional)</b></p>	<ul style="list-style-type: none"> <li>· 360° omnidirectional pickup</li> <li>· Signal-to-noise ratio: 65dB SPL@1KHz,A-weighted</li> <li>· Loudest Pressure level: 110dB@1KHz, THD&lt; 3%</li> <li>· Equivalent noise: -110dBFS(A)</li> <li>· Dynamic range: 81dBFS</li> <li>· Sensitivity: -32db+/-2</li> <li>· Frequency response: 100Hz-8KHz</li> <li>· 2-meter radius full duplex range</li> <li>· 6 m pickup radius</li> <li>· Use Yealink WDD60 for pairing</li> <li>· Two-color LED capacitive touch mute button</li> </ul>

<p>VCM36-W(optional)</p>	<ul style="list-style-type: none"> <li>• Built-in three-wheat matrix</li> <li>• 360° omnidirectional pickup</li> <li>• Signal to Noise ratio: 60dB SPL@1KHZ, A-weighted</li> <li>• Loudest Pressure level: 115dB@1KHZ, THD&lt; 3%</li> <li>• Equivalent noise: -105dBFS(A)</li> <li>• Dynamic range: 81dBFS</li> <li>• Sensitivity: -45dB±2</li> <li>• Frequency response: 100Hz-8KHz</li> <li>• 2-meter radius full duplex range</li> <li>• 6 m pickup radius</li> <li>• 2450mAh battery with wireless charging</li> <li>• 7 days standby time, up to 12 hours of continuous use</li> <li>• Two-color LED capacitive touch mute button</li> </ul>
<p>Package Features</p>	<ul style="list-style-type: none"> <li>• N.W/CTN: 7.7 Kg</li> <li>• G.W/CTN: 8.4 Kg</li> <li>• Carton Meas: 595 mm x 393 mm x 258 mm</li> </ul>

\*This feature will be supported in future versions

### Meeting Room Deployment Scenarios

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



**TIP**

- ① 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.
- ② UVC84 is a mechanically rotatable camera, giving you the flexibility to choose your framing and viewing angle.
- ③ >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.
- ④ 3m high quality (pickup range): This indicates the excellent pickup range of the VCM36-W, with a maximum pickup distance of up to 6 meters.
- ⑤ PC and MTouch E2 are recommended deployment locations, but you can adjust them according to your specific requirements.

**MVC Kit**

Meeting Room Type	Model	Kit Contain
Medium Meeting Room	MVC640-C4-000	UVC84 MCore Pro MTouch E2
Medium Meeting Room	MVC640-C4-F13	UVC84 CPW65 MSpeaker II MCore Pro MTouch E2 WDD60 WPP30

For more information, please go to the [Yealink official website](#).