

# MVC840 Datasheet

## Microsoft Teams Rooms System for Medium and Large Meeting Rooms

Yealink MVC series are native and easy-to-use video conferencing solutions specially designed for Microsoft Teams rooms. The MVC series provides a full-scene video conference solution to cover all meeting rooms, from small to large. According to the unique characteristics of the video conferencing room, a high-performance mini-PC is specially released. The mini-PC design considers aesthetics and practicability, fully integrating the cable management with itself to provide a flexible and reliable deployment solution for any meeting room. The MVC series

features the native Microsoft Teams-tailored user interface that is easy to operate with a close-to-zero learning curve. You just walk into the meeting room and start your scheduled Teams or Skype for Business meeting with a one-touch join. Yealink MVC840 includes two or three VCM34 array microphones (up to 6 units can be connected) and a 4K UVC84 USB PTZ camera with 12x optical zoom to meet the requirements of the large meeting room.



One Cable Technology



3-Microphone Array



Yealink Camera Control Plug-in



Auto Framing



Wireless Content Sharing



Device Management



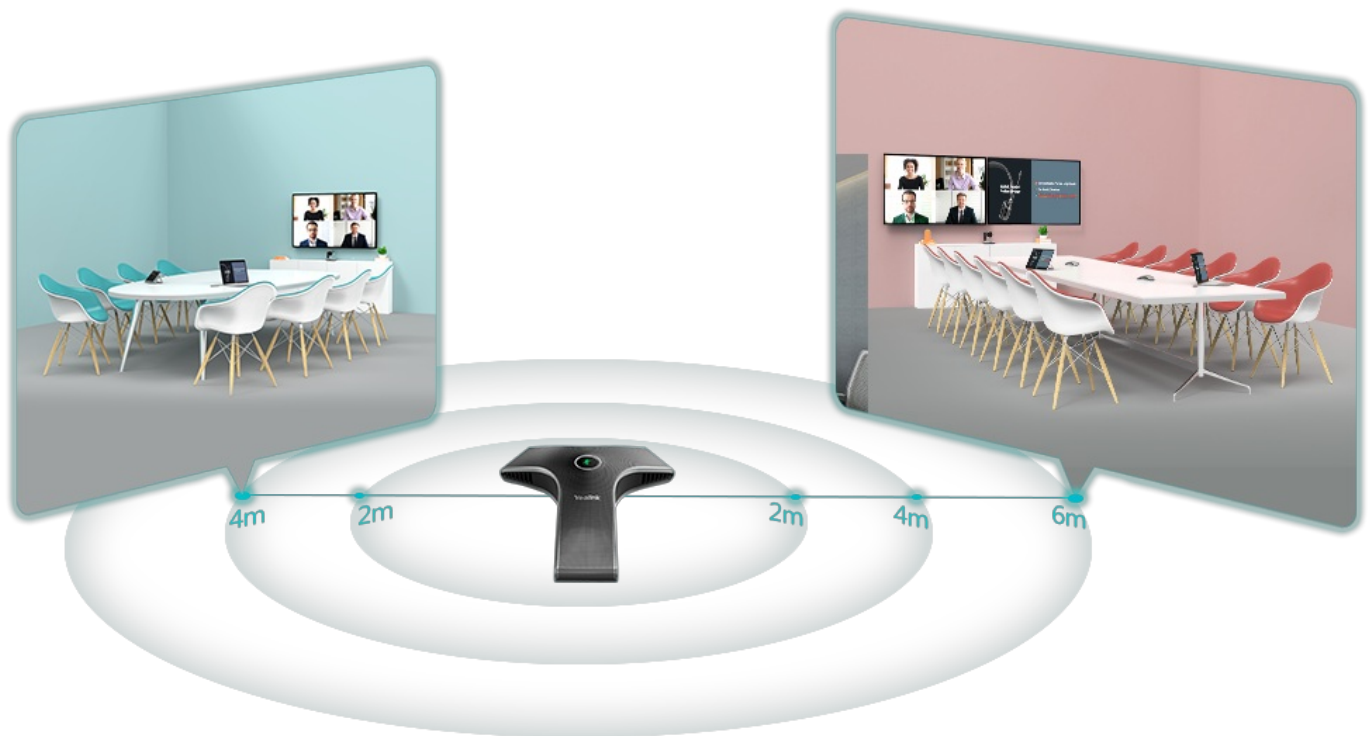
## Key Features and Benefits

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

Native Microsoft Teams-tailored user interface offers a one-touch meeting join. Designed with the idea of multi-function all-in-one, the MTouch II touch panel allows you to efficiently perform call control, camera control, content sharing, and other functions. At the same time, MTouch II has a built-in Human Motion Sensor that the conference system can automatically wake up, and you can immediately start the conference.

### Auto-framing & smart noise-proof technology

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 done quickly and quietly in one step. Empowered with 12x optical zoom, UVC84 supports 4K video calls that conduct business to capture everyone in the meeting room. As for the audio, the VCM34 array microphone supports a 20ft/360° voice pickup range and works with Yealink Soundbar to guarantee you a high-quality audio solution. Also, Yealink Noise Proof technology effectively eliminates background distractions and noises so that you can enjoy a crystal-clear voice even in a noisy environment.



### Content sharing in real time

The unique wireless content-sharing solution provides participants with maximum flexibility, so a one-click content sharing can be simply realized by plugging in the WPP20. 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 ports.



### Simple to deploy, easy to use

With the VCH port, MCore is specially designed for video meeting rooms so that the deployment can be easily extended. At the same time, its all-in-one design with the cable management feature 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 totally enough to connect the TV area and the conference table area 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 reducing deployment simplifies

### 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.



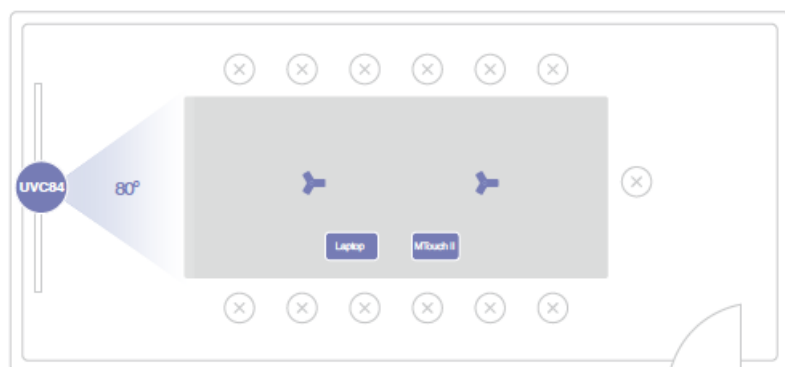
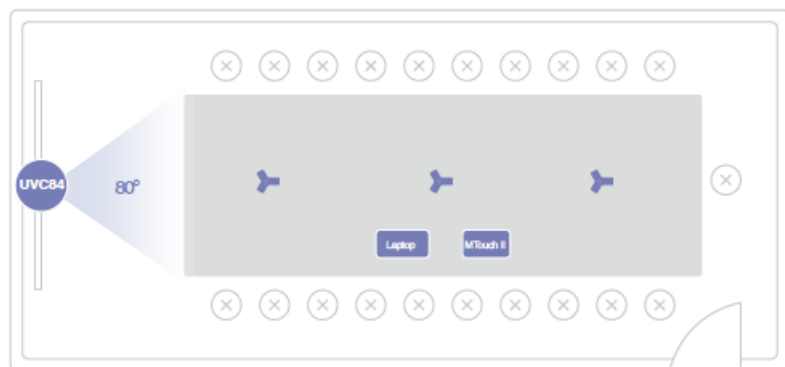
## Specifications

Parameter	Description
Package Content	<ul style="list-style-type: none"><li>· MCore Mini-PC</li><li>· MTouch II touch panel</li><li>· UVC84 USB PTZ camera</li><li>· MSpeech smart USB speakerphone</li><li>· WPP20 wireless presentation pod (optional)</li></ul>
Preload	<ul style="list-style-type: none"><li>· Windows 10 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>

MCore Mini-PC	<ul style="list-style-type: none"> <li>· Intel® QUAD-CORE i5</li> <li>· Memory: 8GB (2 x 4GB)</li> <li>· Storage: 128GB SSD</li> <li>· 2 x HDMI video output with CEC supported</li> <li>· Bluetooth and Wi-Fi</li> <li>· 1x Yealink VCH port (RJ45), connect to MTouch II</li> <li>· 4 x USB3.0 Type-A</li> <li>· 1 x 10/100/1000M Ethernet port</li> <li>· 1 x Power port</li> <li>· 1 x Security lock slot</li> <li>· Integrated cable management</li> </ul>
MTouch II touch panel	<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>· Human Motion Sensor</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>
UVC84 USB PTZ Camera	<ul style="list-style-type: none"> <li>· 4K camera</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>
VCM34 Array Microphone	<ul style="list-style-type: none"> <li>· Built-in 3-microphone array</li> <li>· 360° 20ft (6-meter) voice pickup range</li> <li>· Cascade connection up to 6 units</li> <li>· Mute button with bicolor LED</li> </ul>
Yealink Soundbar	<ul style="list-style-type: none"> <li>· Frequent response: 100Hz - 20KHz</li> <li>· S/N: ≥ 70dB</li> <li>· 1 x Line-in (3.5 mm)</li> </ul>
Package Features (2 x VCM34)	<ul style="list-style-type: none"> <li>· N.W/CTN: 10.4 Kg</li> <li>· G.W/CTN: 11.6 Kg</li> <li>· Carton Meas: 595 mm x 535 mm x 320 mm</li> </ul>

Package Features(3x VCM34)	<ul style="list-style-type: none"> <li>· N.W/CTN: 12.9 Kg</li> <li>· G.W/CTN: 14.1 Kg</li> <li>· Carton Meas: 595 mm x 535 mm x 320 mm</li> </ul>
Package Features(without audio)	<ul style="list-style-type: none"> <li>· N.W/CTN: 6.6 Kg</li> <li>· G.W/CTN: 7.3 Kg</li> <li>· Carton Meas: 595 mm x 393 mm x 285 mm</li> </ul>

## Scene Graph in a Conference Room



## MVC Kit

Meeting Room Type	Model	Kit Contain	Related Topic
Medium and Large Meeting Room	MVC840-C3-211	UVC84 VCM34 MSpeaker II MCore Pro MTouch II VCR20 WPP20	<a href="#">MVC840 Deployment and Connection</a>

Medium and Large Meeting Room	MVC840-C3-000	MCore Pro MTouch II UVC84 VCR20	<a href="#">MVC840 Deployment and Connection</a>
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For more information, please visit the [Yealink official website](#).