Yealink MVC S80-C5U Datasheet

Microsoft Teams Rooms System for Large Meeting Rooms

The Yealink MVC S80 is a cutting-edge solution for Microsoft Teams Rooms, designed to enhance collaboration and is ideal for large sized meeting spaces.This set includes the new generation mini-PC MCore 4, the large-screen touch panel MTouch Plus, the intelligent four-lens camera SmartVision 80, and the intelligent detect 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 SmartVision 80 features with an innovative four-lens setup comprising a PTZ camera and three electronic cameras, ensuring comprehensive coverage of each corner of the meeting rooms and clear close-up shots of attendees.

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 MVC S80 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

Four-lens Camera Captures Every Detail with Exceptional Clarity

The SmartVision 80 is equipped with three electronic cameras and a PTZ camera. The electronic cameras include a panoramic lens and two telephoto lenses, ensuring comprehensive coverage of the meeting room and delivering clear images of every participant. To further enhance clarity, the PTZ camera features 20x optical zoom, maintaining sharp focus even at a distance and providing an exceptional, high-quality visual experience.

Powerful Intelligent Tracking delivers immersive Meetings

The SmartVision 80 enhances the remote meeting experience with a variety of tracking modes, like IntelliFocus, Presenter Tracking, Speaker Tracking, and Auto Framing. When multiple SmartVision 80 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 SmartVision 80 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 MVC S80 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 MVC S80 is the MCore 4, powered by the Intel Ultra5 125H processor, boasting exceptional data processing capabilities and powerful AI computing capability 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 • SmartVision 80
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: ±20° • Operating temperature: 0-40°C • Operating humidity: 10-95%

SmartVision 80	Camera: • PTZ Camera: 20×optical zoom • 69° DFOV, 61.5° HFOV, 36° VFOV (PTZ camera) • 110° DFOV, 98° HFOV, 82° VFOV (panoramic camera) • 51° DFOV, 41.6° HFOV, 32° VFOV (telephoto camera) AI feature: • Multi-Stream IntelliFrame (on device) • Participant identification • IntelliFocus • Speaker tracking • Presenter tracking • Video fence • PIP • Auto framing Interfaces: • 1 × USB 3.0 type-B port • 1 × USB 2.0 type-A port • 2 × VCH port (RJ45) • 1 × network port (RJ45) • 1 × HDMI out port • 1 × line in port • 1 × line out port • 1 × reset button • 1 × DC power port