Yealink MVC S40-C5U Datasheet

Microsoft Teams Rooms System for Small and Medium Meeting Rooms

The Yealink MVC S40-C5U is a cutting-edge solution for Microsoft Teams Rooms, designed to enhance collaboration and is ideal for small to medium-sized meeting spaces.This set includes the new generation mini-PC MCore 4, the large-screen touch panel MTouch Plus, the SmartVision 40 all-in-one smart audio-video device, and the intelligent detect sensor RoomSensor, working in unison to enable seamless automation and intelligent integration within conference rooms.

Powered by the Intel Ultra5 125H processor, the MCore 4 delivers outstanding data processing capabilities and powerful AI computing power, offering every participant an immersive video conferencing experience. The SmartVision 40, as an integrated audio-video device, boasts dual 48MP lenses and a 6-meter voice pickup range, supporting cutting-edge tracking features like IntelliFocus, Intelliframe, and Video Fence, ensuring no detail is overlooked. 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 S40-C5U bundle supports both wired and wireless screen sharing, enabling participants to share content effortlessly and enhance collaboration. 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

Seamless Meeting Experience with Native Microsoft Teams Integration

The entire MVC S40-C5U 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.

Ultra HD picture quality and artificial AI features

The SmartVision 40 employs a dual-lens fixed-focus stitching technology, merging images from two lenses to achieve higher pixel density and deliver exceptionally clear, sharp visuals. It supports a range of AI tracking modes, such as IntelliFocus, IntelliFrame, and Video Fence, to address diverse meeting requirements. With these advanced features, the SmartVision 40 automatically detects speakers in the room, frames them, and displays active speakers' images on the screen, creating a more intuitive and interactive remote meeting experience.

High-quality audio pickup experience

SmartVision 40 has a 6-meter voice pickup range, built-in stereo speakers, 3-meter full-duplex technology, and 8x MEMS microphone array. The intelligent noise-reduction technology provides a good audio experience. In addition, it can support 2 additional expansion microphones that can cover a large conference room.

Outstanding Data Processing Capability

At the core of the MVC S40-C5U 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 40, all-in-one audio and video integration machine
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 Interface: • 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： •1920 x 1080 video resolution • Support wired and wireless (with WPP30) content sharing • Support an 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 40	Camera:

	• 2x 48 MP camera • DFOV: 120° • HFOV: 111° Speakers: • 2 x 10W stereo speakers • Speaker: 78.78dBSPL@0.5m Interfaces: • 1x USB3.0 Type-B port • 1x USB2.0 Type-A port • 1x USB-C port • 1x Yealink VCH port（RJ-45） • 1x 3.5mm line-in & line-out port • 1x power port • 1x security lock slot • 1x reset slot • 1x HDMI-out Function features： • Built-in Wi-Fi • Support IntelliFocus • Support Multi-Stream IntelliFrame (on device) • Support video fence • Support 2 x expansion microphone