SmartVision 40 Datasheet

All-in-one Intelligent Camera for Enhanced Teams Rooms Experience

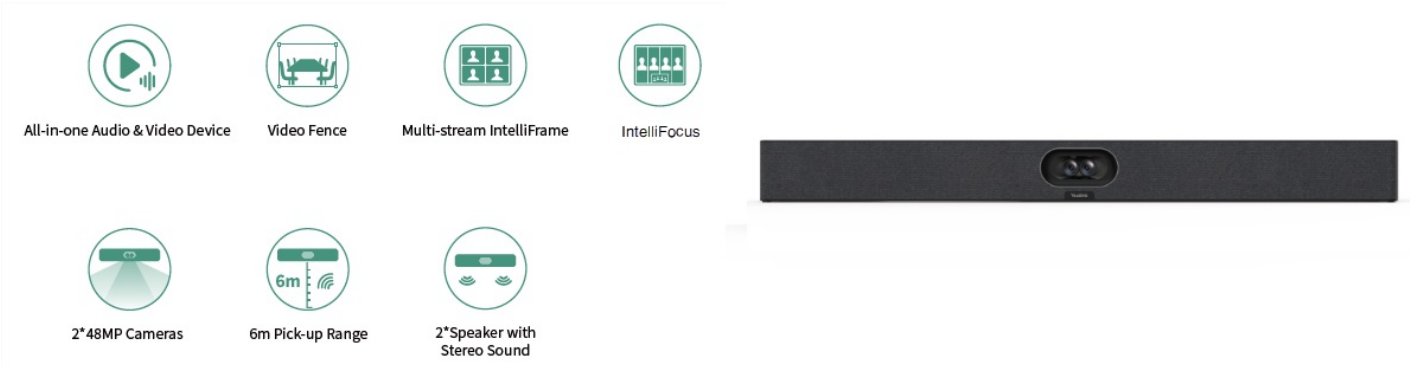
Yealink SmartVision 40 is an ultra-high-definition intelligent all-in-one conference system designed for small to medium meeting rooms. It integrates leading intelligent AI algorithms to enhance meeting efficiency.

It will combine the images from two 48MP lenses, present a higher pixel picture, and deliver clearer image quality. It also features built-in stereo speakers, 8x MEMS microphone array, and supports 2 additional expansion microphones[1]. The intelligent noise reduction technology provides a good audio experience.

Furthermore, it is equipped with intelligent AI technologies such as face detection, sound source positioning, and voice tracking. It intelligently tracks the movements of conference participants, ensuring that the focus is always on the speaker, providing clear and stable images.

In addition to the basic automatic framing and speaker tracking functions, it introduces the Multi-stream IntelliFrame feature[2]. Through multi-stream output, it can detect speakers in the meeting room and automatically frame and display them on the screen. This enables remote participants to see the facial expressions and postures of each speaker clearly, creating a more intuitive and interactive remote meeting experience.

Moreover, its deployment and installation are also straightforward. With its integrated design, you simply need to place it in the appropriate position in the meeting room, and connect it to power and the network, without the need for complicated wiring and setup steps. To protect the privacy and security of meetings, the Yealink SmartVision 40 is designed with an automatic lens privacy cover, providing users with a secure and intelligent conference experience.



Key Features and Benefits

- Ultra HD picture quality
- Artificial AI features
- High-quality audio pickup experience
- Remote device management
- Simple deployment
- Privacy protection

Ultra HD picture quality

The dual lens fixed-focus stitching solution combines the images from two lenses to achieve a higher pixel density,

resulting in clearer and sharper image quality. This is beneficial for detailed observation during meetings, document presentations, and the viewing experience of remote participants.

Artificial AI Features

The intelligent AI features not only include basic automatic framing and speaker tracking functions but also include the IntelliFocus feature. It can automatically detect speakers in the meeting room, frame them, and display them on the screen through multi-stream output, providing a more intuitive and interactive remote meeting experience. Additionally, the Video Fence feature can intelligently identify and block interfering factors in the meeting room, maintaining a clean and professional meeting display.

High-quality audio pickup experience

SmartVision 40 has a 6-meter voice pickup range, 4-meter quality voice pickup range and 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.

Remote Device Management

SmartVision 40 is networked and reported to the device management platform, then can be remotely managed, configured, and upgraded.

Simple deployment

All-in-one audio and video device, comes with a standard 2.5-meter USB cable, includes a standard wall mount bracket, and optional TV wall mount is available.

Privacy Protection

SmartVision 40 is designed with an automatic lens privacy cover, providing users with a secure and intelligent conference experience.

Specification

Parameters	Description
Camera	• 2× 48MP • DFOV 120° • 4k60fps • 6x Digital zoom • Automatic lens privacy cover • Camera preset of maximum 9 preselections

Audio	• Built-in 8 MEMS microphone array • 6-meter voice pickup range • 4-meter quality voice pickup range • Support 2x expansion microphone • Intelligent noise cancellation technology • Full-duplex technology • Echo cancellation technology • Speaker: -2x 10W Stereo speakers -Frequency response: 100-20kHz -Sensitivity: -38dBV/pa -Sampling rate: 48kHz -Total Harmonic Distortion (THD): 94 dB SPL THD<1%
AI Feature	• IntelliFocus • Multi-Stream IntelliFrame (Only for Microsoft Teams Room) • Video Fence • Auto Framing • Speaker Tracking • Image Super Resolution Technology • Multi-Focus • Picture-in-Picture
Connections	• 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 • Built-in Wi-Fi
Package Features	• SmartVision 40: 650 × 62 × 80 mm • N.W/CTN: 5.540 kg • G.W/CTN: 6.086 kg • Wall mount (ADA Standard)
Physical Specifications	• Operating humidity: 10-95% • Operating temperature: 0-40°C

FootNotes

1. Support 2x expansion microphones: Optional
2. Currently ship SmartVision 40 with IntelliFocus, will ship SmartVision 40 with Multi-stream IntelliFrame from 2024 Q2.