

SmartVision 40 Datasheet

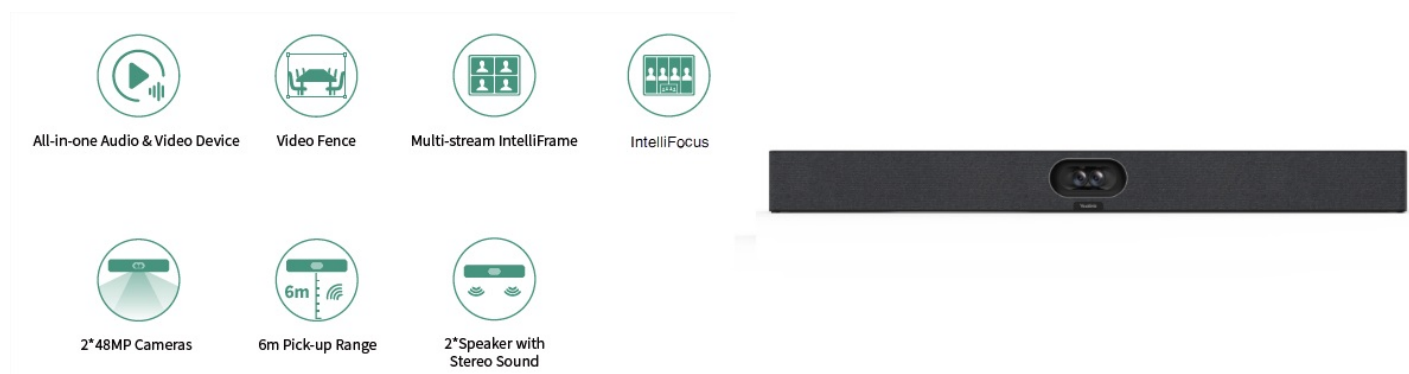
All-in-One Intelligent Camera for Enhanced Teams Rooms Experience

The Yealink SmartVision 40 is an ultra-high-definition, all-in-one intelligent conference system tailored for small to medium meeting rooms, leveraging advanced AI algorithms to enhance meeting efficiency.

With dual 48MP lenses, SmartVision 40 combines images to produce high-pixel-density pictures, ensuring superior image clarity. Its built-in stereo speakers, 8x MEMS microphone array, and support for two additional expansion microphones¹ provide excellent audio coverage, while intelligent noise reduction technology ensures a clear audio experience.

Equipped with AI features such as face detection, sound source positioning, and voice tracking, SmartVision 40 tracks participants' movements to keep the speaker in focus, providing stable, high-quality images. Beyond basic auto framing and speaker tracking, the Multi-stream IntelliFrame feature² uses multi-stream output to detect and frame speakers, displaying them on-screen, which enables remote participants to see each speaker's expressions and gestures for an interactive experience.

Its integrated design makes deployment straightforward: simply place it in the meeting room, connect to power and the network—no complicated setup is needed. For added privacy, SmartVision 40 includes an automatic lens cover, ensuring a secure conference experience.



Key Features and Benefits

- Ultra HD picture quality
- Advanced AI features
- High-quality audio capture
- Remote device management
- Easy deployment
- Privacy protection

Ultra HD Picture Quality

The dual-lens fixed-focus setup merges images from both lenses to achieve higher pixel density, resulting in clearer, sharper visuals, ideal for detailed presentations and remote viewing.

Advanced AI Features

In addition to standard auto framing and speaker tracking, SmartVision 40 features IntelliFocus, which detects

speakers, frames them and displays them via multi-stream output. The Video Fence feature identifies and blocks distractions, ensuring a professional meeting display.

High-Quality Audio Capture

With a 6-meter voice pickup range, full-duplex 3-meter technology, and an 8x MEMS microphone array, SmartVision 40 delivers a high-quality audio experience. Optional expansion microphones can extend coverage for larger rooms.

Remote Device Management

Networked SmartVision 40 units connect to a device management platform for remote configuration and updates.

Simple Deployment

This all-in-one audio and video solution comes with a 2.5-meter USB cable and a standard wall mount bracket, with an optional TV wall mount also available.

Privacy Protection

An automatic lens cover ensures privacy, providing a secure and intelligent conference experience.

Specification

Parameter	Description
Camera	• 2 × 48MP • 120° DFOV, 110° HFOV, 54° VFOV • 4K at 30 fps • 6x digital zoom • Automatic lens cover • Up to 9 camera presets
Audio	• 8 MEMS microphone array • 6-meter voice pickup range • 4-meter quality voice range • Supports 2 expansion microphones • Noise cancellation and echo cancellation • Full-duplex • Speakers: - 2x 10W stereo - Frequency response: 100-20 kHz - Sensitivity: 86dB SPL @1W@0.5m - Sampling rate: 48 kHz - THD <1% at 94 dB SPL
AI Feature	• IntelliFocus • Multi-Stream IntelliFrame (Teams Room only) • Video Fence • Auto Framing • Speaker Tracking • Image Super Resolution • 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/out • 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 • Net Weight: 5.54 kg • Gross Weight: 6.086 kg • Wall mount (ADA standard)
Physical Specifications	• Operating humidity: 10-95% • Operating temperature: 0-40°C
Bluetooth	• Supports Bluetooth

Footnotes

1. Optional: Supports up to two expansion microphones.
2. SmartVision 40 with IntelliFocus is currently available; Multi-stream IntelliFrame will ship from Q2 2024.