



# Advancing AI-Powered Audio & Visual Excellence

## Introduction

Hybrid work and teaching environments just got a whole lot smarter with Sennheiser and AVer's groundbreaking intelligent multi-camera voice tracking features — a fusion of audio and video that brings remote and in-person participants together like never before.



## Technology Highlights

### Sennheiser TeamConnect Ceiling Solutions

- **360-Degree Pickup Pattern:** Capture every voice, from every angle, with comprehensive coverage that leaves no corner of the room unheard.
- **Priority Zones:** Pinpoint key areas, such as the lecturer's podium, to amplify important voices and ensure they cut through the noise.
- **Exclusion Zones:** Silence distractions by isolating areas with persistent background noise.
- **Dynamic Beamforming Technology:** Optimize audio quality in hybrid learning and meeting environments.

### AVer Pro AV Cameras

- **Pan-Tilt-Zoom (PTZ) Capability:** Track speakers and content with precision and speed.
- **Advanced AI Algorithms:** Adapt to different presentation styles and environments with Presenter, Zone, and Hybrid tracking modes.
- **High-Quality Video Capture:** 30X/12X optical zoom and 4K 60fps resolution.
- **Versatile Connectivity:** Integrate with ease to various devices using multiple options, including HDMI, USB, IP, and 3G-SDI.

### AVer PTZ Link and MT300(N) Matrix Tracking Boxes

Connect Sennheiser's TCC microphones with AVer cameras, transforming them into a real-time adaptive voice and camera-tracking system.

## Real-World Applications

Experience seamless integration with your existing AV infrastructure, thanks to the compatibility of Sennheiser and AVer products with major conferencing platforms. Versatile and adaptable, this multi-camera switching and voice tracking solution is perfect for:

**Education:** Facilitate more immersive and interactive learning in hybrid classrooms and lecture halls with engaging voice and video tracking.

**Corporate:** Unlock productive collaboration and knowledge sharing in boardrooms and training sessions.

**Government and Public Sector:** Foster clear and productive dialogue in council meetings and public hearings.

**Broadcasting and Media:** Bring live events and studio productions to life with high-quality audio and video.

The powerful synergy of Sennheiser's audio expertise with AVer's video innovation comes together to deliver unparalleled communication and engaging experiences across diverse settings.

## Compatible Products List

### Sennheiser Microphones

- ✔ Sennheiser TeamConnect Ceiling 2 (TCC 2) Microphone
- ✔ Sennheiser TeamConnect Ceiling Medium (TCC M) Microphone

For more details see: <https://www.sennheiser.com/en-us/product-families/tcc>

### AVer Pro AV Cameras

- ✔ PTZ300(N), PTZ200, PTZ300U(N)V2 Series Professional PTZ Cameras
- ✔ PTC300(N)V2, TR300(N)V2, TR200 & TR300(N) Series Auto Tracking Cameras

### AVer PTZ Link Software

### AVer Matrix Tracking Boxes

- ✔ MT300(N) Matrix Tracking Boxes

For more details see: <https://presentation.aver.com/lines/pro-av>

## Solution Diagram

