

Shure and AVer's Multi-Camera Voice Tracking for Modern Environments



Overview

The Shure and AVer multi-camera voice tracking solution is a powerful combination of advanced audio processing and intelligent camera technology. Each component plays a critical role in delivering seamless communication and video clarity in modern hybrid environments.

Scalable and flexible, the Shure-AVer camera tracking adapts easily to any room size or configuration. Whether for a small meeting room or a large auditorium, the system can be expanded with additional cameras and microphones to suit specific needs. Its modular nature allows for customization, ensuring that every room layout can be accommodated without sacrificing performance.

S Shure's Role

Shure's **Microflex® Advance™ array microphones** deliver crystal-clear audio by offering high speech intelligibility and real-time voice tracking. These microphones detect the active speaker for accurate audio capture and provide cues for automatic camera switching, creating a more engaging experience for remote participants in conference rooms, classrooms, or meeting spaces.

A AVer's Role

AVer's Pro AV cameras use advanced AI auto tracking with PTZ Link software or the MT300(N) matrix box to integrate with Shure microphones. The system tracks and zooms in on active speakers, providing seamless, automated transitions between them and eliminating manual camera operation for a fully immersive hybrid experience.

AVer: Leading the Industry in Shure Microphone Integration

Precision in Active Talker Positioning: Shure's Microflex® Advance™ array MXA920 microphone is at the forefront of active talker positioning technology. Utilizing advanced beamforming, these microphones pinpoint the XYZ coordinates of the person speaking. This data is then seamlessly transmitted to the MT300(N), enabling real-time adjustments in focus and orientation to perfectly center the active speaker. Even with a single MXA920 pairing, this collaboration achieves unmatched precision, demonstrating the power and versatility of the Shure-AVer solution.

Unrivaled Integration Capability: AVer sets the industry standard with its unparalleled integration of Shure microphones, from compact tabletop units to ceiling-array models. This exceptional compatibility ensures that **AVer's Pro AV cameras, PTZ Link, and MT300(N)** can seamlessly adapt to various room sizes and configurations, making them the go-to solution for any hybrid environment, from small meeting rooms to large-scale conference spaces.

Leading-Edge Features for AVer Pro AV Cameras

Voice and Human Tracking: Follow your voice and movements for dynamic presentations.

Capture Every Detail: Powerful optical zoom (12X & 30X) for clear close-ups.

Immersive Video: High-quality streaming (4K 60fps, IP/HDMI/USB) for seamless remote participation.

Versatile Connectivity: Easily integrate AVer cameras into your existing AV setup.

Hassle-Free Setup: Plug-and-play simplicity for quick deployment.

Flexible Mounting: Position cameras strategically for optimal multi-camera switching.

Professional Aesthetics: Select from a crisp white or sleek black finish to match your space.



Compatible Products List

AVer Pro AV Cameras

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

AVer PTZ Link Software

AVer Matrix Tracking Boxes

- ✓ MT300(N) Series

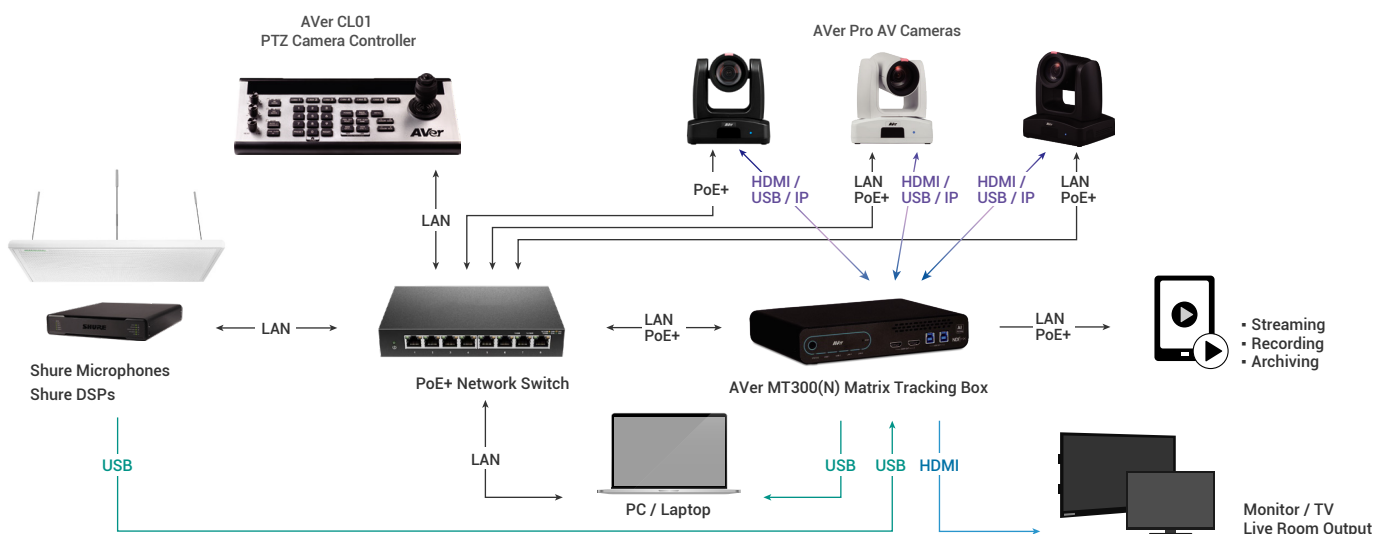
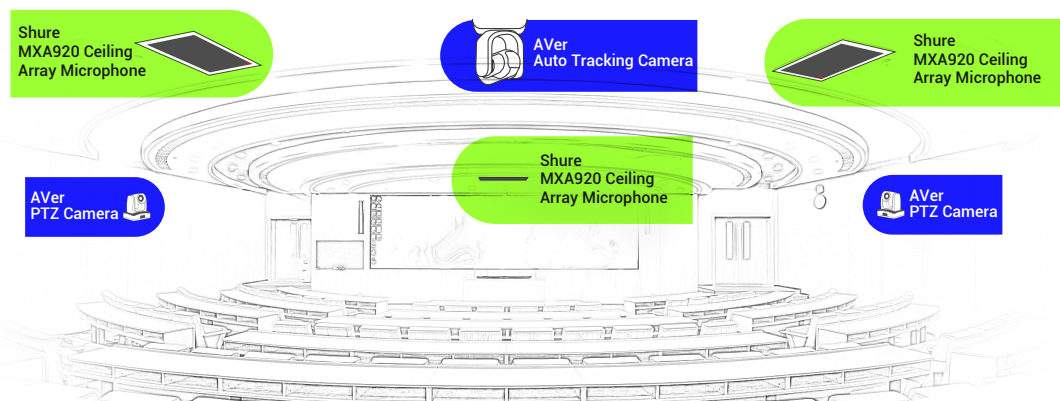
Shure Microflex® Advance™ Array Microphones

- ✓ Advanced Camera Tracking: MXA920S, MXA920R, MXA901
- ✓ Simplified Camera Tracking: MXA910, MXA710, MXA310, Microflex® Complete Wireless (MXCW)

Shure DSPs

- ✓ IntelliMix® P300 Audio Conferencing Processor
- ✓ IntelliMix® Room Audio Processing Software

For more details see: <https://www.shure.com/en-US/solutions/microflex-ecosystem>.



www.shure.com | www.aver.com

Get To Know More about
AVer Pro AV Cameras!

