



# The Comprehensive Voice and Camera Tracking Solution

Unmatched Clarity and Precision for Every Conversation

## Introduction

In today's dynamic work environments, effective collaboration is paramount. The Yamaha-AVer Voice and Camera Tracking Solution redefines connectivity with its exceptional audio clarity and precise video tracking. This partnership creates a synergy of hardware and software to transform meeting spaces into interactive collaboration hubs where every participant is engaged and connected.

## Solution Components

- ⊛ **Yamaha RM-CG Ceiling Array Microphone:** Designed for expansive environments, this microphone captures crystal-clear audio from all directions. Its advanced beamforming technology ensures that every participant's voice is heard with exceptional clarity.
- ⊛ **Yamaha RM-CR Remote Conference Processor:** As the heart of the ADECIA system, this processor supports the Dante audio network, allowing audio and control to be transmitted through a single cable. It automatically tunes voice settings and optimizes room acoustics, simplifying setup and enhancing overall performance.
- ⊛ **Yamaha ProVisionaire Software/MCP1 Control Panel:** Serving as a task dispatcher, this software communicates specific commands to AVer devices and fine-tunes parameters for various operational scenarios. It streamlines processes such as data processing, voice-tracking configuration, and equipment control.
- ⓐ **AVer Pro AV Cameras:** Equipped with high-resolution video and intelligent tracking technology, these cameras automatically hone in on the active presenter, ensuring that remote participants can easily follow along with the presentation.
- ⓐ **AVer PTZ Link Software/MT300(N) Matrix Tracking Box:** These tools facilitate the smooth integration of Yamaha microphones and AVer Pro AV cameras. The MT300(N) plays a crucial role in managing audio and video signals. By configuring presets, the camera can be effortlessly transformed into a voice-tracking device, optimizing the audio-visual setup.

## Key Benefits for End Customers

- Enhanced communication clarity
- Seamless video tracking
- Flexible room configurations
- Simplified installation and management
- Versatile applications across industries
- Scalable and Future-Proof Solution



## Expanded System Configurations

### Room Setup

**Room 1 and Room 2:** Both rooms feature a Yamaha RM-CG Ceiling Array Microphone and an RM-CR Remote Conference Processor. The microphones connect to the MT300(N), which manages the audio signals and integrates with AVer Pro AV cameras. Strategically placed throughout the rooms, the cameras ensure that the active speaker is always in focus.

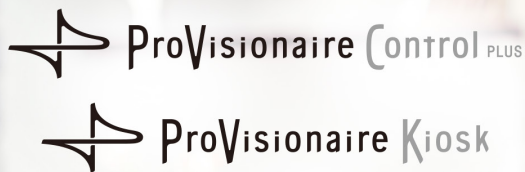
**Combined Room (Room 1+2):** In the combined configuration, the system seamlessly integrates the audio and video components from both rooms. PTZ Link/MT300(N) ensures that the microphones and cameras work together to provide a unified experience. The combined setup delivers consistent high-quality audio and video performance, well-suited for larger meetings and events.

### Network and Connectivity

**PoE Switches:** Power over Ethernet (PoE) switches supply power and network connectivity to the microphones and cameras. By reducing the need for additional power cables, this setup simplifies the installation process.

**Ethernet Connections:** Reliable Ethernet connections ensure that all components are connected and operating smoothly. This setup is crucial for maintaining high-quality audio and video signals across the entire system.

**USB Connections:** Multiple USB connections are available for easy integration with BYOD (Bring Your Own Device) PCs and other conferencing equipment. This flexibility allows users to quickly connect their devices and start meetings with minimal effort.



## Compatible Products List

### Yamaha Sound System Management Software

- ProVisionaire

### Yamaha Digital Control Panel

- MCP1

### Yamaha ADECIA Solutions

- RM-CG Ceiling Array Microphone
- RM-CR Remote Conference Processor

Find out more on: [https://europe.yamaha.com/en/products/unified\\_communications/index.html](https://europe.yamaha.com/en/products/unified_communications/index.html).

### 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

