CAMTRACK & CAMTRACK PRO

Intelligent, voice-activated multi-camera switcher

INOGENI

Brings people closer together

CAMTRACK
Spotlights the speaker

PWR   LAN / PoE   USB

INOGENI's CAMTRACK is the most flexible, and cost-effective voice-activated multi-camera switcher designed for modern conferencing environments.

CAMTRACK integrates with SHURE microphones to detect the active speaker's voice, triggering PTZ camera presets and AI tracking (when supported). It then communicates with an INOGENI switcher to route the appropriate video feed seamlessly into the conferencing system.

The system provides automated camera control and video switching for conference rooms, hybrid meetings, and live events.

Seamless integration and setup

SHURE

Complete SHURE integration – Works seamlessly with advanced multi-zone microphones (MXA901 and MXA920), multi-channels (MXA310, MXA710 and MXA910) as well as wireless MXW neXt and MXCW conference systems. It also supports triggers from the P300 DSP, IntelliMix Room software and ANIUSB-MATRIX network interface. Each device supports up to 8 audio zones (or more with the MXA901 and 920), while MXCW conference systems can accommodate up to 125 microphones as a single unit, ensuring accurate speaker tracking and crystal-clear audio and video in hybrid meetings.

**AVer   Canon
SONY   Panasonic**
+ Any PTZ IP camera

Broad PTZ camera support – CAMTRACK works with an extensive list of PTZ camera manufacturers, including Canon (CR-N Series), Aver (VC520+, CAM520 Pro, CAM520 Pro2, TR3xxV2), Sony (BRC-X1000, SRG-X120, SRG-X400, SRG-A12, SRG-A40, SRG-X40UH), Panasonic (AW-UE150, AW-HE40, AW-HE130), and virtually any PTZ IP camera.

CAMTRACK & CAMTRACK PRO Intelligent, voice-activated multi-camera switcher

Full INOGENI switcher compatibility – Supports **USB, HDMI, NDI, and RTSP cameras,** including native CAM230 and CAM300 switchers and NDI sources via IP2USB for flawless integration of all camera types.

Smart voice-activated configuration made easy

Simple configuration with a step-by-step setup assistant. No programming is required. A built-in, context-sensitive digital guide walks users through every step.

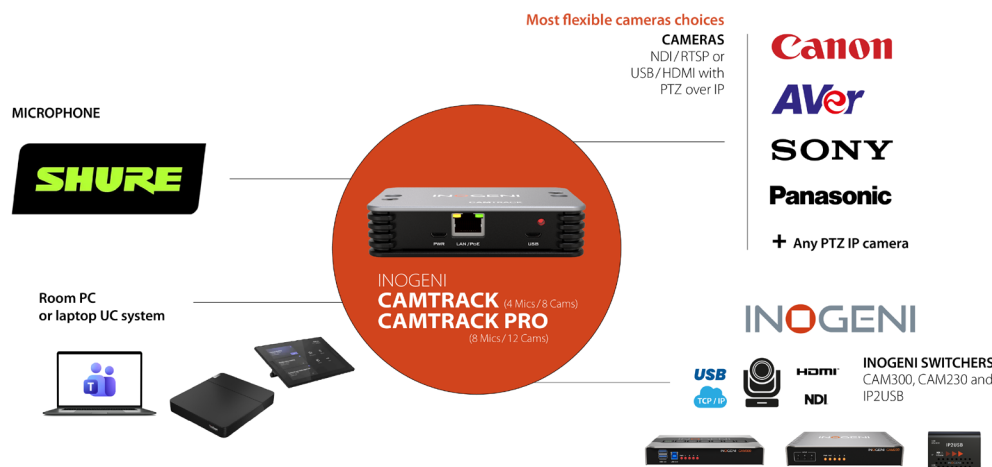## Intelligent camera orchestration and flexibility

- **Smart multi-camera management** – CAMTRACK intelligently determines the active camera in real time using precise audio localization
    - Full PTZ controls and preset-based camera controls with VISCA over IP or Sony HTTP, Canon XC Control and Panasonic AW
    - Seamless transition using INOGENI's CAM series switchers or NDI® paired with the IP2USB
    - Up to 10 customizable room presets for varied configurations (including divisible spaces)
- **AI tracking transparency** – Our switchers enables AI-equipped cameras to engage their auto-framing or tracking features automatically or when a preset is recalled
- **Flexible power options** – PoE (IEEE 802.3af) or optional Micro-USB power input
- **Camera tally activation** – Indicator lights show which camera feed is active on supported IP cameras
- **Compact and versatile design** – Fanless operation and flexible mounting options simplify integration into any AV environment
- **Flexible communication** – Supports HTTP, WebSocket, and TCP/IP for integration with third-party control systems via API
- **Tested and compatible by design with major UC systems** and camera manufacturers, such as Crestron, Logitech, Lenovo, Poly, MAXHUB, Jabra, Teams, Zoom, and others

Components of the ecosystem:

- CAMTRACK – Central controller managing audio-driven camera switching
- SHURE microphone(s) – Detects active speaker zones
- Multiple PTZ cameras – Positioned around the room for optimal coverage
- IP network – Connects all devices for real-time communication
- INOGENI switcher or IP2USB converter – Delivers the video feed (USB, HDMI, or NDI) to compatible endpoints
- Videoconferencing – Room PCs or laptops running software-based meeting platforms (e.g., Microsoft Teams, Zoom, or other soft CODECs).

INOGENI CAMTRACK & CAMTRACK PRO
The most flexible voice-activated multi-camera ecosystem

Engaging meetings, simplified
Transparent AI tracking, scalable to any room, easy to configure

Most flexible cameras choices

CAMERAS
NDI/RTSP or
USB/HDMI with
PTZ over IP

MICROPHONE

SHURE

**Room PC
or laptop UC system**

INOGENI
CAMTRACK (4 Mics/8 Cams)
CAMTRACK PRO
(8 Mics/12 Cams)

Canon
AVer
SONY
Panasonic
+ Any PTZ IP camera

INOGENI

INOGENI SWITCHERS
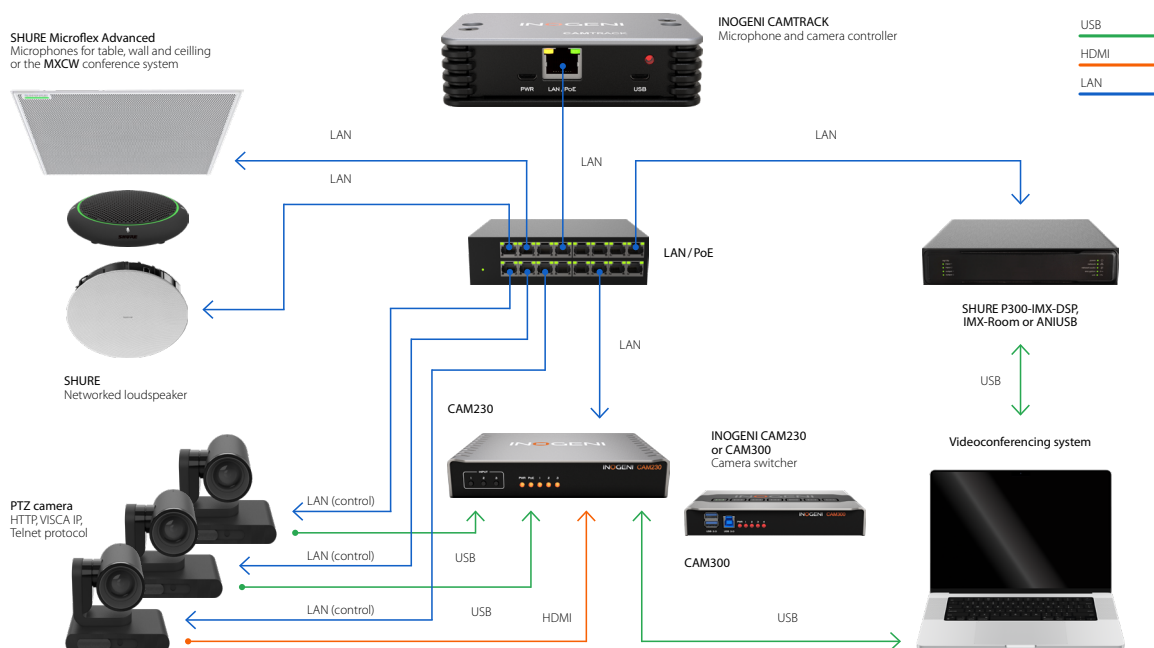CAM300, CAM230 and
IP2USB

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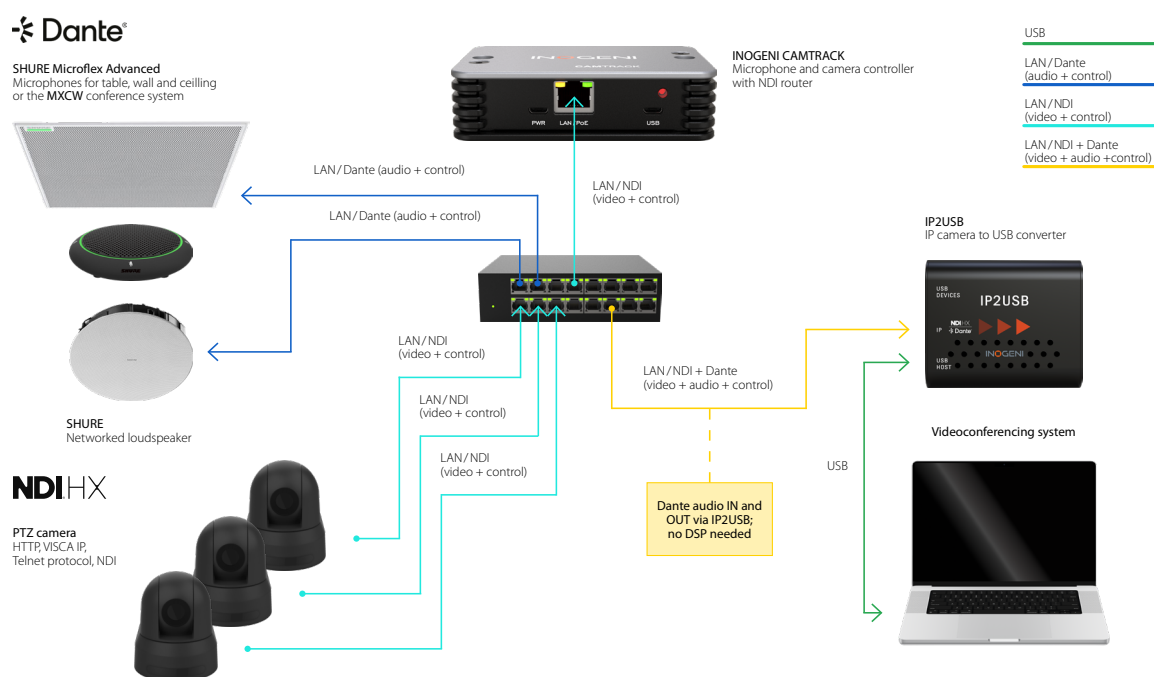
Seamless IP/USB/HDMI videoconferencing

CAMTRACK automates your AV workflows for smooth, dynamic meetings

CAMTRACK + INOGENI SWITCHER: USB/HMDI CAMERAS

INOGENI CAMTRACK
Microphone and camera controller

PWR   LAN/PoE   USB

USB
HDMI
LAN

SHURE Microflex Advanced
Microphones for table, wall and ceilling
or the **MXCW** conference system

LAN

LAN

LAN

LAN

LAN/PoE

LAN

SHURE P300-IMX-DSP,
IMX-Room or ANIUSB

USB

SHURE
Networked loudspeaker

CAM230

Videoconferencing system

INOGENI CAM230
or CAM300
Camera switcher

PTZ camera
HTTP, VISCA IP,
Telnet protocol

LAN (control)

LAN (control)   USB

LAN (control)   USB   HDMI

CAM300

USB

CAMTRACK + IP2USB CONVERTER: IP/NDI HX/RSTP CAMERA

⚡ Dante®

INOGENI CAMTRACK
Microphone and camera controller
with NDI router

PWR   LAN/PoE   USB

USB
LAN/Dante
(audio + control)
LAN/NDI
(video + control)
LAN/NDI + Dante
(video + audio +control)

SHURE Microflex Advanced
Microphones for table, wall and ceilling
or the **MXCW** conference system

LAN/Dante (audio + control)

LAN/Dante (audio + control)

LAN/NDI
(video + control)

IP2USB
IP camera to USB converter

USB
DEVICES

IP2USB

NDI HX
IP   ▶ Dante   ▶ ▶ ▶

USB
HOST   INOGENI

LAN/NDI
(video + control)

LAN/NDI
(video + control)

LAN/NDI + Dante
(video + audio + control)

SHURE
Networked loudspeaker

Videoconferencing system

NDI HX

LAN/NDI
(video + control)

USB

Dante audio IN and
OUT via IP2USB;
no DSP needed

PTZ camera
HTTP, VISCA IP,
Telnet protocol, NDI

CAMTRACK & CAMTRACK PRO

Intelligent, voice-activated multi-camera switcher

CAMTRACK software

Smart voice-activated configuration made easy

Guided setup:

An integrated assistant walks you through every step—from audio and camera connections to complete room configuration.

Intuitive design:

Easily create and adjust voice-activated camera presets without programming.

Fast deployment:

Duplicate and share configurations across multiple CAMTRACK devices.

The setup assistant can be tailored, allowing contextual customization of steps and titles. Users can add company-specific guidance or instructions, such as internal support contacts or workflow notes.
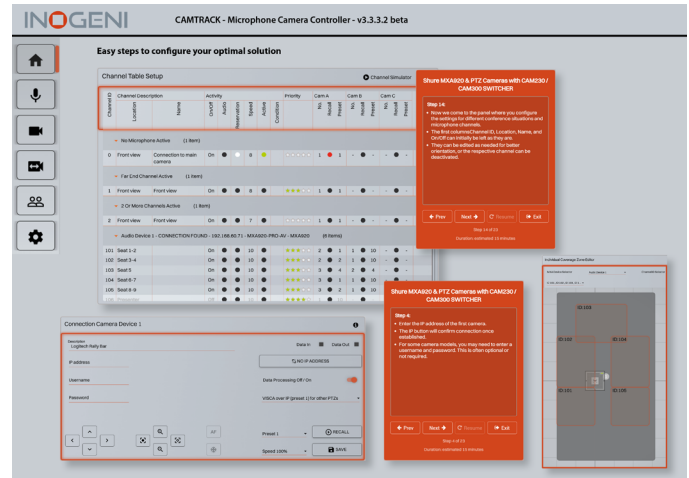
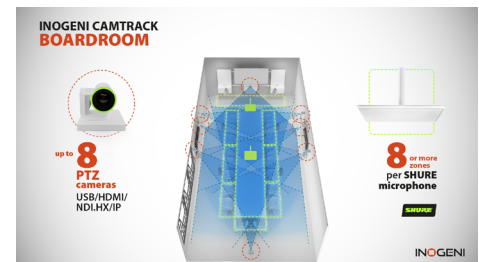## Two versions available to accommodate a wide range of room sizes:

- CAMTRACK: Supports up to 4 SHURE devices and 8 PTZ cameras
- CAMTRACK PRO: Supports up to 8 SHURE devices and 12 PTZ cameras
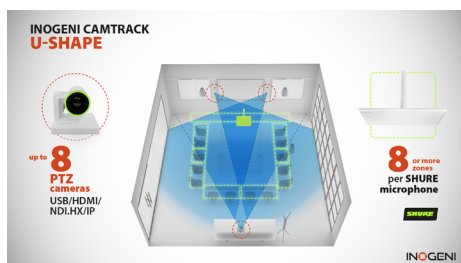- Also available as a fully upgradable licence
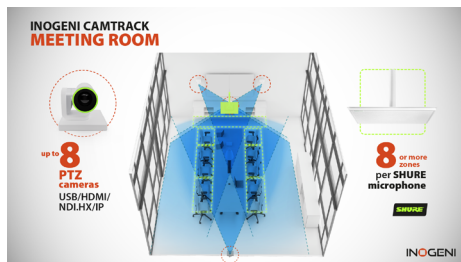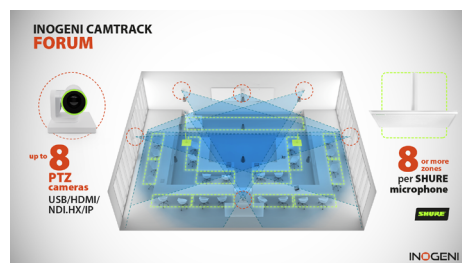

Meeting room
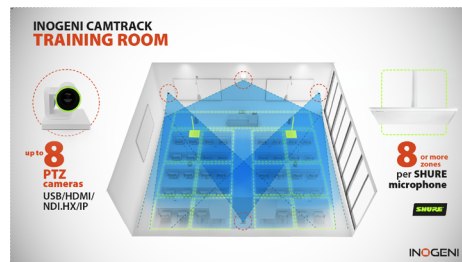
Training room

Boardroom

U-Shape

Forum

Auditorium

inogeni.com

CAMTRACK customer feedback from survey results

Customers love CAMTRACK for its premium automated switching, ease of use, fast deployment, and time and labor savings. Integrators choose it over the competition for its camera-agnostic flexibility, cost efficiency, and ready-to-deploy automation—no custom code or expensive control processors needed.

Plug and play without any drivers

This solutions is fully compatible with popular videoconferencing systems, such as Microsoft Teams, Zoom Rooms, all USB cameras and videobars.

Contact your INOGENI representative today for a live demonstration and see how the CAMTRACK platform can simplify your project deployment.