

CamDirector® TEACHER TRACKER



AI Multi-Camera Tracking Software

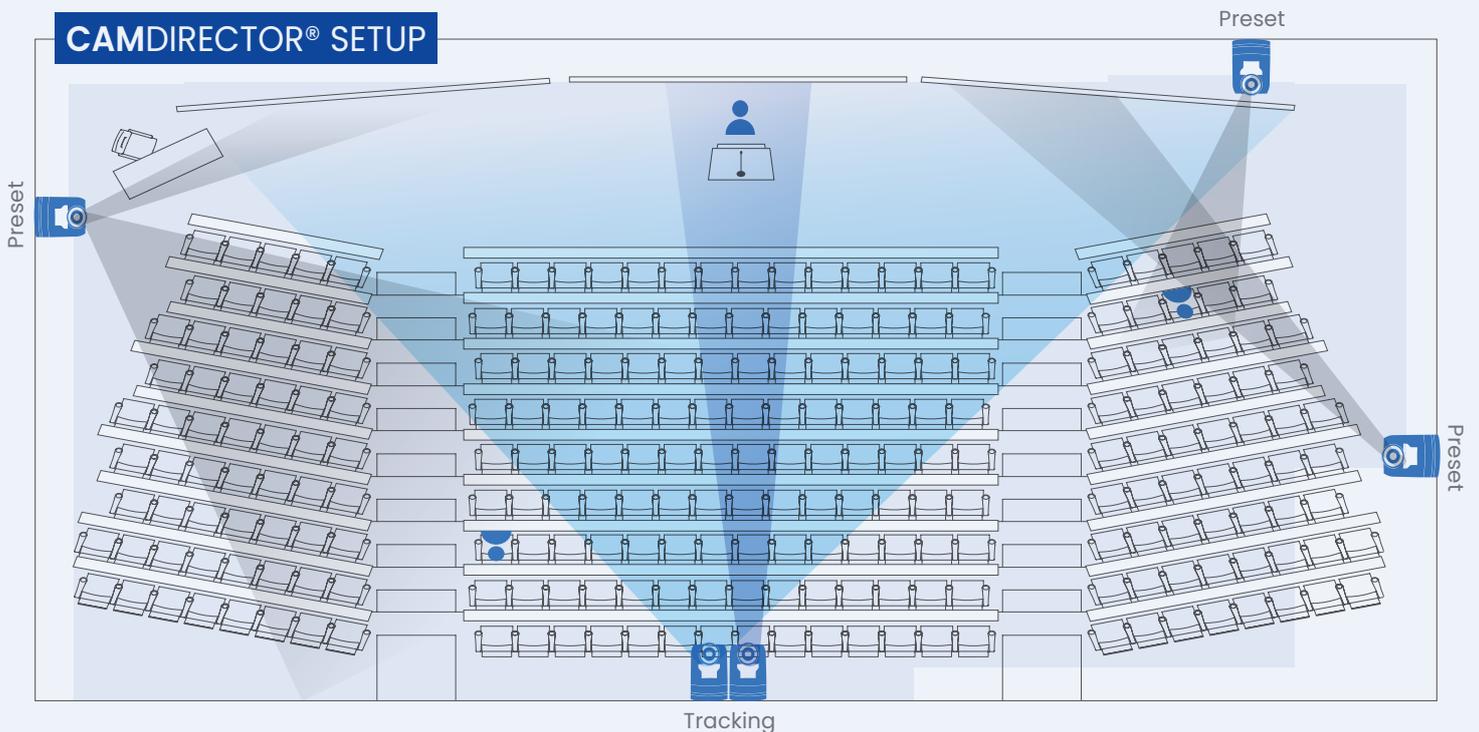
The CamDirector® Teacher Tracker is AI software that tracks the teacher with PTZ cameras resulting in an automatic multi-camera registration of lectures. The software is trained to detect a single speaker in a room with students. When the speaker is found, a mix of close-up shots and overview shots are presented on the output. In any other case, an overview shot is presented.

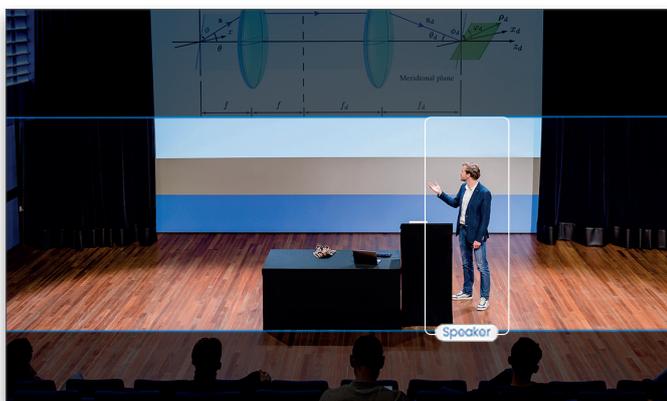
Reliable tracking

By using the power of two cameras, the system offers an unprecedented reliability. Tracking takes place in both the overview and follow camera.

Features

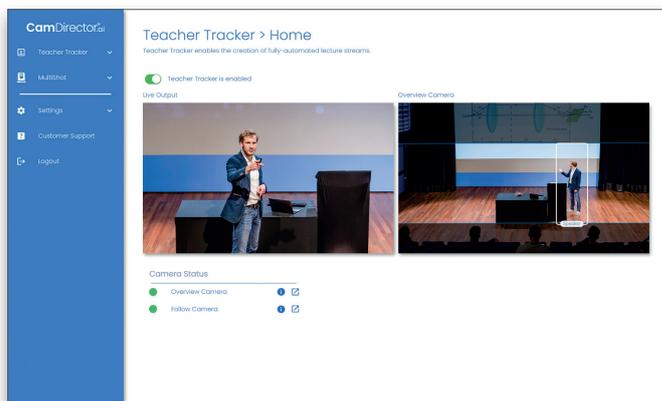
- Autonomously finds the teacher
- Reliable tracking with 2 cameras
- Switches between overview and close-up shot
- Add additional cameras for preset switching
- Configured in 15 minutes





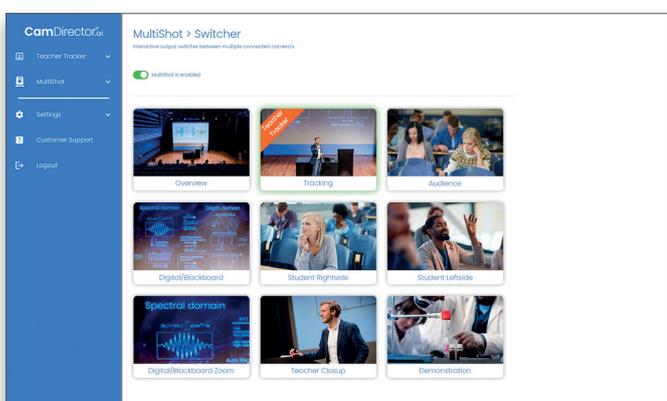
Autonomous Tracking

The system runs automatically when a lecture starts and finds the teacher when he walks in. The live video output autonomously switches between overview shots of the classroom and close-ups of the teacher, depending on his movement.



Pleasant to watch

The smooth camera movements, variety of camera angles, and dynamic switching between the two cameras makes the viewing experience engaging.



Preset switcher with multiple cameras

The teacher or room operator has the option to visually select a preset, e.g. a demonstration, blackboard or the audience. The AI takes care of the camera movement and video switching.



Configured in 15 minutes

The CamDirector® Teacher Tracker simplifies large deployments. The one-time installation is quick and easy.

Privacy proof

No video data is stored, all data stays within the room.

Product

Name CamDirector® Teacher Tracker

SKU AV-CD-TRAC1

License type Life-time license

Output

Output format HDMI

Video format 1080p60 with 150 ms (typical) latency

Required hardware

AI-BOX AV-CD500

Cameras 2 identical cameras, e.g. AV-CM70, AV-CM71, AV-CM73

Mount AV-MT220

Optional hardware

Add additional cameras for the preset switcher.

The effectiveness of tracking algorithms depends on the specific conditions of the room, the persons in the room, and their behavior. Although the Teacher Tracker is trained for many different situations, it can never be guaranteed to work in every room. We recommend testing the system in your specific environment on beforehand. The maximum working distance depends on the camera model and room.