



HuddleCamHD
CASE STUDY

DISTANCE LEARNING

LECTURE CAPTURE CASE STUDY

Learn how this University is using auto-tracking cameras for lecture capture

The College of Education & Communications at the Indiana University of Pennsylvania uses the HuddleCamHD SimplTrack as part of an advanced lecture capture audio visual system. The University is using Zoom Video Conferencing software to connect their classrooms to the world allowing professors the ability to bring in remote guests and classroom participants. The room has multiple cameras available as video sources in a Zoom call and the main camera is the HuddleCamHD SimplTrack. The SimplTrack automatically follows the professor at the front of the room eliminating the need for a camera operator.

SETUP DETAILS



HuddleCamHD SimplTrack
The HuddleCamHD Simpltrack is connected to a computer running Zoom Video Conferencing via USB 3.0.



Zoom Video Conferencing
Zoom is a very popular distance learning and video communications tool. Learn more at Zoom.US



Phoenix Audio Spiders
The Phoenix Audio Spiders have been daisy-chained and ceiling mounted to provide clear audio via USB 2.0.



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HIGHER EDUCATION



- **Engaging Presentations:** The Simpltrack makes lecture capture and distance learning more engaging by following the professor at the front of the room.
- **Zoom Video Conferencing:** Connecting everything to Zoom Video Conferencing makes life easier for IUP. They use cloud based recording for easy lecture distribution.
- **Additional Equipment:** Some of the additional equipment used in this room includes PTZOptics Video Conferencing Cameras and Phoenix Audio Spiders (explained in more detail below)

INTELLIGENT LECTURE CAPTURE



One side of the room is equipped with a SimpliTrack camera to track the presenter. The other side has a 12X-SDI PTZOptics camera which connects to the Inogenie Share 2. This setup allows the professor and the audience to be captured for the video conference.



The Inogenie Share 2 is used to quickly switch between multiple cameras with the press of button. The Share 2 can bring together two camera sources in a variety of outputs and connect to Zoom Video Conferencing with a single USB 3.0 cable.

ADVANCED AUTO TRACKING MANAGEMENT SOFTWARE

Ask for a live SimpliTrack demo on Zoom or other similar cloud based video conferencing software!

The SimpliTrack cameras can be connected to your LAN (Local Area Network) for remote management and setup. This software allows operators to set up the ideal room tracking areas for any classroom.



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