CAMSTREAMER

Case study

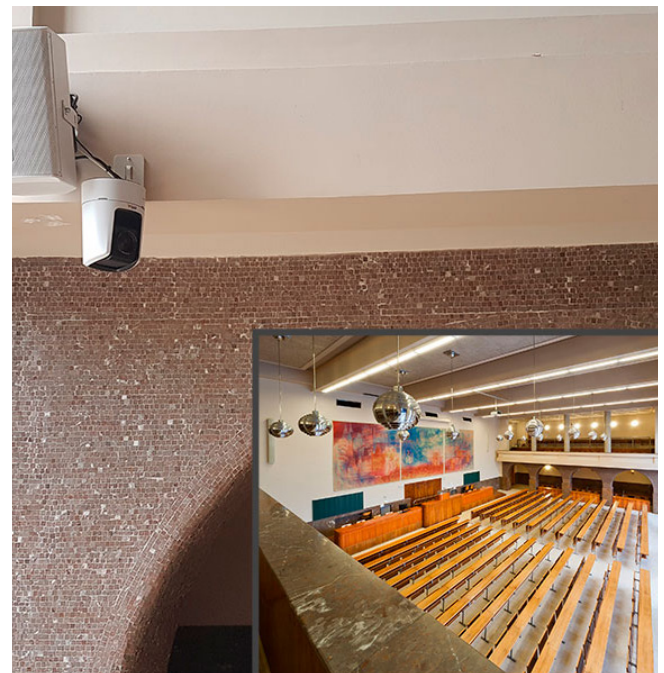# Charles University, Prague – network cameras bring lectures to the students at home

Mission

One of the oldest universities in Europe wanted to become more modern and accessible and wished to make lectures available to students at home, allowing them to review the lecture they missed due to illness for example. **The Faculty of Law at the Charles University** has begun experimenting with lecture transmissions which take place in lecture rooms. Camera, HDMI cables, audio cables, audio and video editing, notebook as a mobile editing room and transmitter were only part of this experiment. But the preparation for one broadcast was impractical and demanding. The Faculty management wanted something **simpler but without compromising the quality**.

Solution

CamStreamer came up with the solution. The company has offered AXIS V5915 camera equipped with number of inputs and capable of combining various signals. CamStreamer comes with a pre-installed application and with a 90-day trial license. If the customer is satisfied the licence may be extended for an unlimited period. This camera **automatically starts transferring to YouTube servers** at the pre-set time and broadcasts live events from the reception hall. Thanks to YouTube the **lectures are automatically archived and students may replay them when preparing for the exams**.

„Students now have the opportunity to view our various international quest lectures while not having to pack into a lecture hall. Students can also use the lectures as study material and the use the audio to study on trips that wouldn´t otherwise allow for studying off of lecture notes...“

Result

The Faculty is very satisfied with the result and plans to use this technology in other lecture rooms as well. Gradually the Faculty **wants to bring all lectures into a virtual space** allowing students to combine their study and work. The University is also interested in the option to start the stream by pressing a single button. This allows students to use a **simple controller to start the stream on a pre-defined server and do not worry about anything**. A very simple control system requiring no technical knowledge may therefore initiate the broadcast.

List of Supplies

Video quality:	HDTV 1080p
Audio:	external audio
Camera model:	AXIS V5915
ACAP application:	CamStreamer App
Streaming platform:	YouTube Live
Location:	Czech Republic

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Modern school, modern approaches

The use of the new camera was a clear benefit. „Students now have the opportunity to "enter" certain overcrowded lectures offered by our foreign guests without being crowded in the lecture room. Broadcast from the camera may also be easily played in other lecture halls using a projector, or students may play the broadcast at home or outside using their smart phones. At the same time students use these lectures as study materials and use audio for studying. For example, while on the road where students cannot use printouts," says Jan Krejčí, the Faculty of Law at the Charles University. „The camera is such a great benefit that we want to get more cameras in other main lecture rooms and have all key lectures are available on line." This is a modern digitisation trend which makes it easier for students to work at the campus. One of the oldest universities in Europe has demonstrated that Charles University is one of the leaders in this field.

https://camstreamer.com/resources/

Watch Sample Record