



IQVIDEO LCS710 LECTURE CAPTURE SYSTEM

Take Your Classroom Into Hybrid Learning

System Components



➤ Video Station LCS710

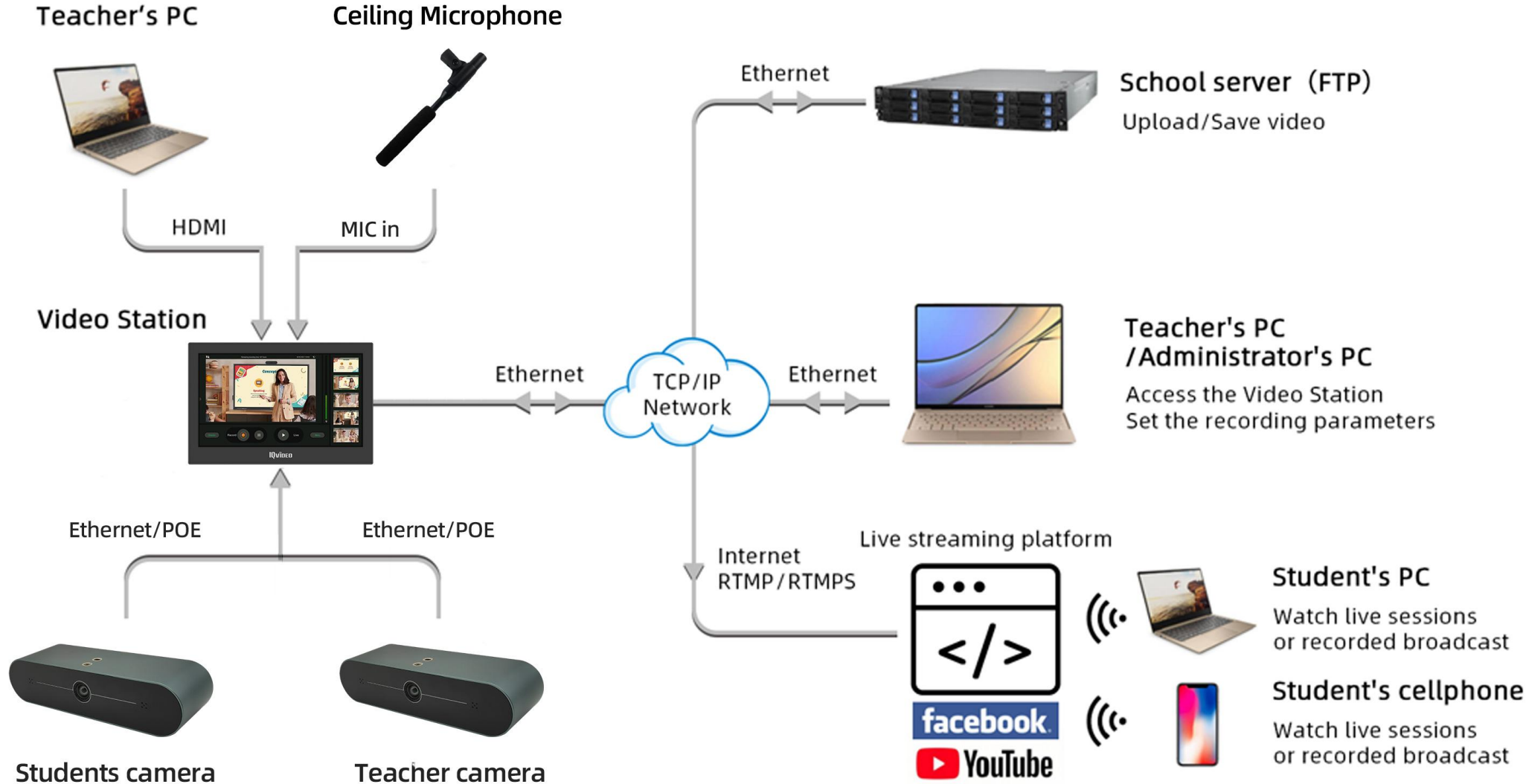


➤ 4K ePTZ Camera



➤ Ceiling Microphone

System Topology Diagram



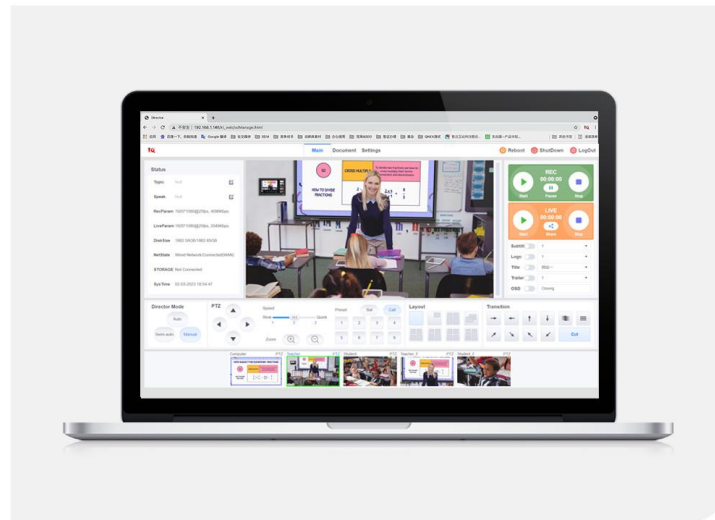
System **Features**

Highly Integrated Design for Powerful Performance

Integrate 13.3-inch capacitive touch screen with scratch-resistant tempered glass, provides abundant interfaces for multiple connections to extend more powerful functions. The brand-new and intuitive UI design simplifies the user operation to the great extent.



System Features



Easy Setup Your Hybrid Room

- **Free of Pre-Configuration**

Power on and cameras auto-connected with Video Station without any configuration.

- **Scheduled Task**

Support to set scheduled tasks for device powering on/off, lecture recording and live streaming.

- **One Touch to Record**

Only one button touch on screen to instantly start recording video lectures right away.

- **Online Directing**

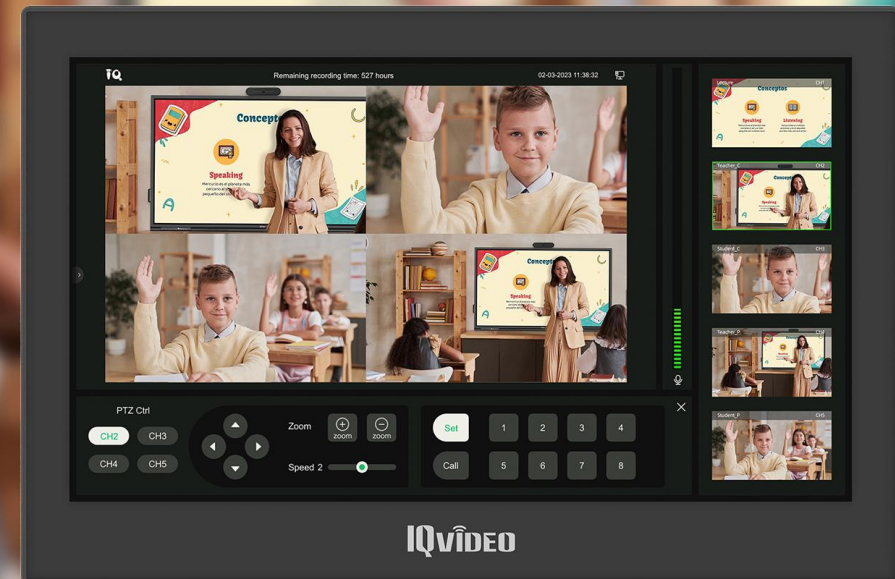
A web-based directing platform is available for users to remotely control the recording video.

System Features

Record the Class As It Is

4K ePTZ Camera | Auto Tracking | POE Support

The two ePTZ cameras with 8.4MP resolution are capable of capturing four different scenes for teachers and students clearly. Featured with auto-tracking technology, the cameras can switch intelligently between panorama and close-up view during lecture capture.



System Features



Digital Camera



IP Camera



Digital Materials



Educator's Voice



Students' Voice



Educator's PC

Up to 5 Video Sources Capturing

The Video station supports multiple input sources that includes teachers and students capturing, teaching courseware, external visualizer, etc. The video contents are presented by multiple split screens. Users can choose to generate mixed recording video or original sources videos respectively.

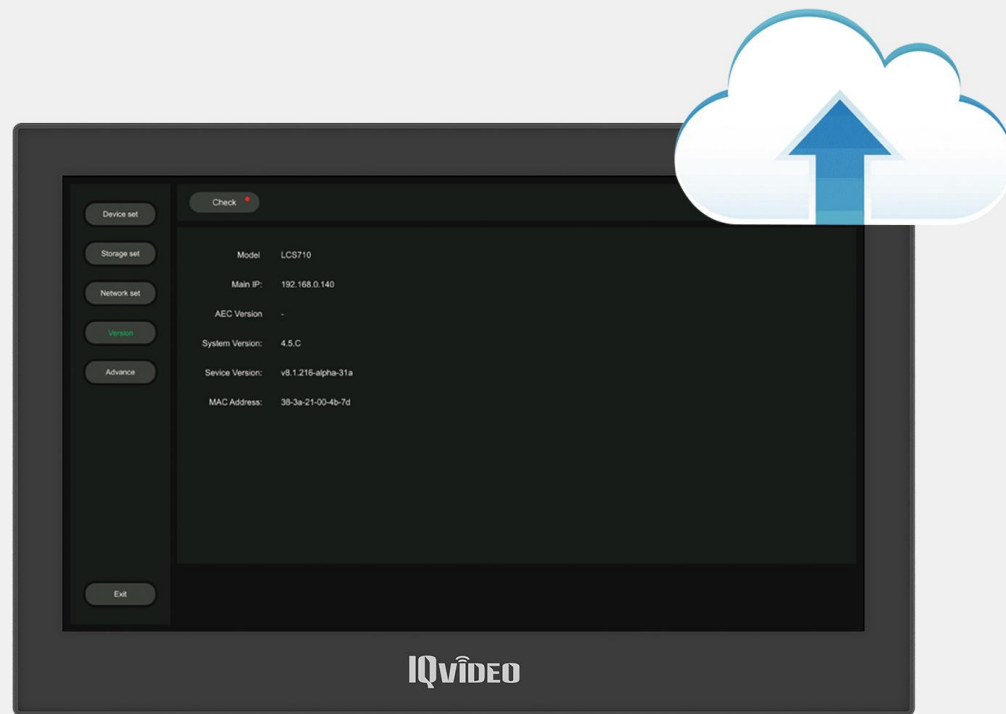
System **Features**

Premium Audio Effect

Equipped with a microphone with 7 meters voice pickup distance. The lecture capture system can match up to 2 microphones for the extension of voice pickup in large room. The audio processor is embedded in the video station that supports automatic mixing, noise suppression, and acoustic echo cancellation technologies, which makes sure a noiseless sound in lecture video.



System Features



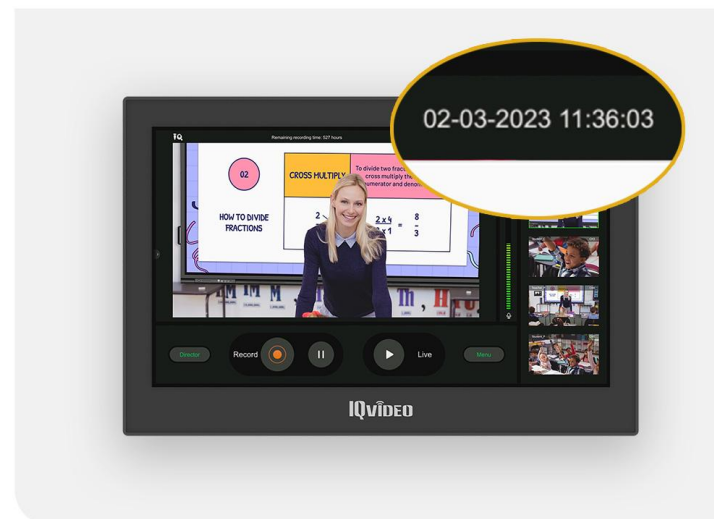
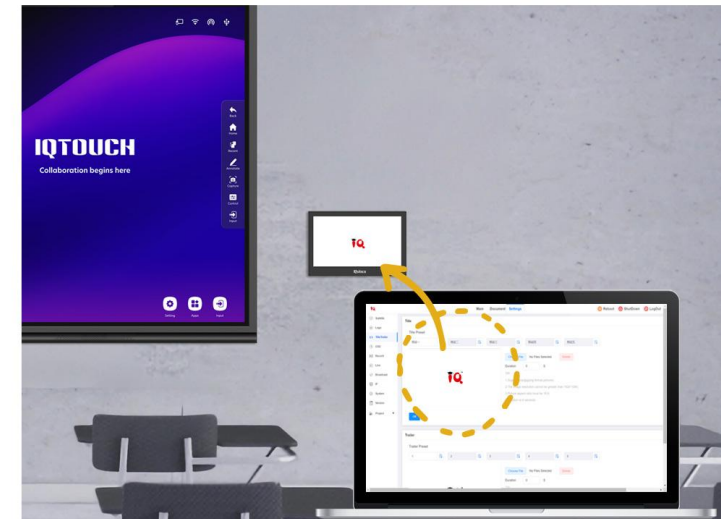
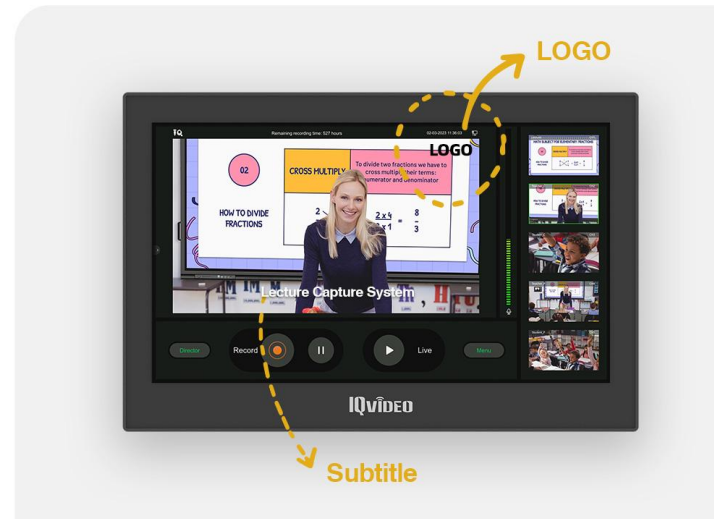
OTA Upgrade

IQVideo LCS710 supports OTA (over-the-air) firmware updates that are helpful in keeping it up to date with the latest system version. Just one button to easily upgrade system online. Be free from the complicated operations via USB flash drive or other traditional system upgrading ways.

System Features

Customize As You Like

A personalized lecture video can be created on video station. You can add school logo, title, beginning & ending, and OSD setting to the video. Besides, a standard 1T memory is available for video storage, and expanded memory is also supported.



System Features



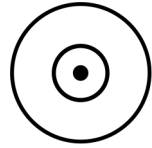
Learn from Anywhere

One touch to deliver the live class to YouTube and Facebook. The system is compatible with RTMP/RTMPS streaming protocol. Easily build a hybrid classroom or flipped classroom for students to learn online and replay the recorded lectures from anywhere.

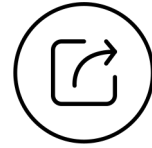


Application Scenario

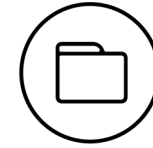
Build a lecture capture classroom with LCS710



Record the lecture



Share the recorded lesson



Enrich the school's teaching resource library



✓ Related product

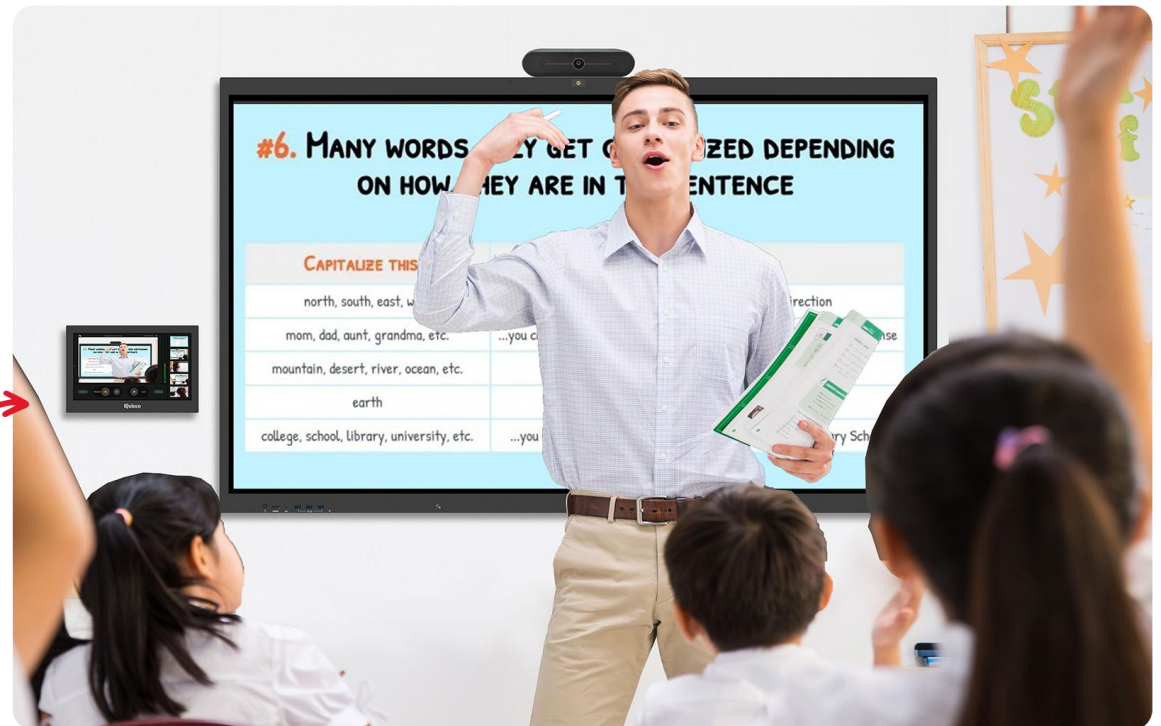


IQTouch Interactive Flat Panel

Application Scenario

Live stream the lecture on YouTube&Facebook for remote students

Students either studying at home or in other schools can watch the live class on YouTube. For those schools enjoying superior educational resources, they get to share their best lessons online with the rest of the world, to achieve equality in education.



Application Scenario

Live stream the lecture to other classrooms within the school

With the help of Q-NEX NMP and its cloud streaming service, the lecture captured by LCS710 can be broadcasted to other classrooms for students to watch and it's easier to manage by the school IT admin.

✓ Related product



Q-NEX Networked Media Processor*

*Please refer to Q-NEX Smart CampusSolution for more product details of the NMP.



Application Scenario

Hybrid learning solution with LCS710

Using the video conferencing software under hybrid learning environment, the Video Station enables a mixed video (combination of teacher and students captured by cameras in the classroom and teacher's courseware) to be presented as the participant for those students who connected remotely at home.



Video conferencing platform

Product Highlights



Video Station

- 13.3" Touchscreen Display
- Built-in Audio Processing
- PoE for Simplified Setup
- VLAN Network Isolation
- 4K Codec Capability
- EPTZ Camera Support
- 1T Built-in Storage
- Centralized Web-Based Control

Product **Highlights**



4K ePTZ Camera

- Single-Cable PoE Power
- 4K UHD with 8.4MP image sensor
- EPTZ Support
- Industrial-Grade UHD lens
- Smart Teaching Tracking
- 3D Digital Noise Reduction

Product **Highlights**



Ceiling Microphone

- Cardioid Polar Pattern
- $-34\text{dB} \pm 3\text{dB}$ Sensitivity
- 30Hz to 18KHz Frequency Response
- Aluminum Alloy Extendable Rod Bracket



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