IQVIDEO LCS710
LECTURE CAPTURE SYSTEM

Take Your Classroom Into Hybrid Learning

System **Components**

➤ Video Station LCS710
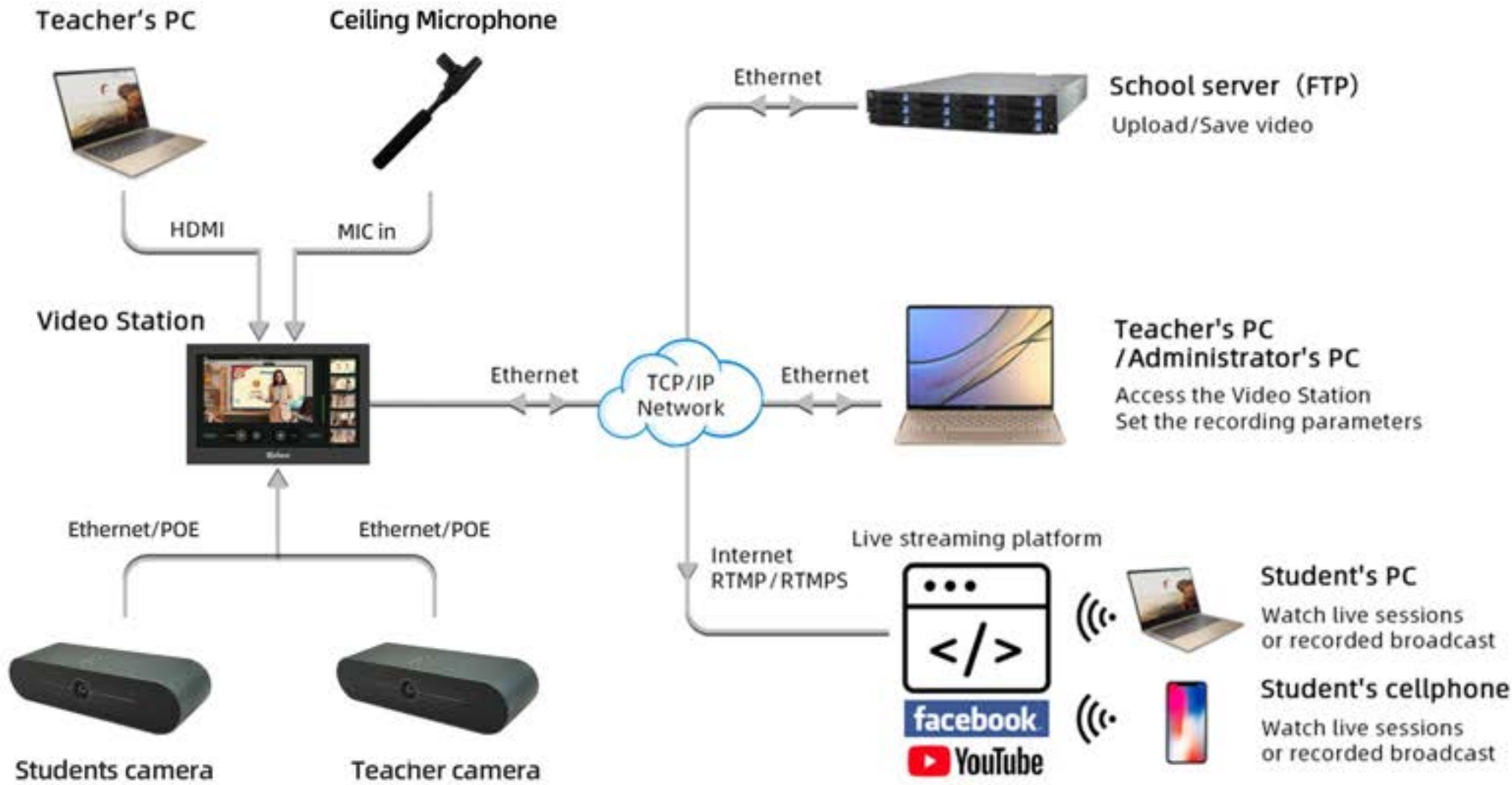
➤ 4K ePTZ Camera

➤ Ceiling Microphone

System Topology Diagram

Teacher's PC

Ceiling Microphone

Ethernet

School server (FTP)
Upload/Save video

HDMI

MIC in

Video Station

Ethernet

TCP/IP Network

Ethernet

Teacher's PC /Administrator's PC
Access the Video Station
Set the recording parameters

Ethernet/POE

Ethernet/POE

Live streaming platform

Internet RTMP/RTMPS

Student's PC
Watch live sessions or recorded broadcast

Students camera

Teacher camera

facebook
YouTube

Student's cellphone
Watch live sessions or recorded broadcast

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.

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.

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.

Build a lecture capture classroom with LCS710
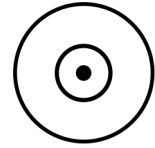
Record the lecture
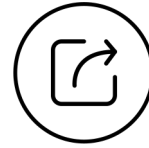
Share the recorded lesson
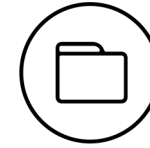
Enrich the school's teaching resource library

Ceiling MIC

Auto-tracking Camera(Teacher)

Auto-tracking Camera(Student)

Video Station LCS710

✓ **Related product**

IQTouch Interactive Flat Panel

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.
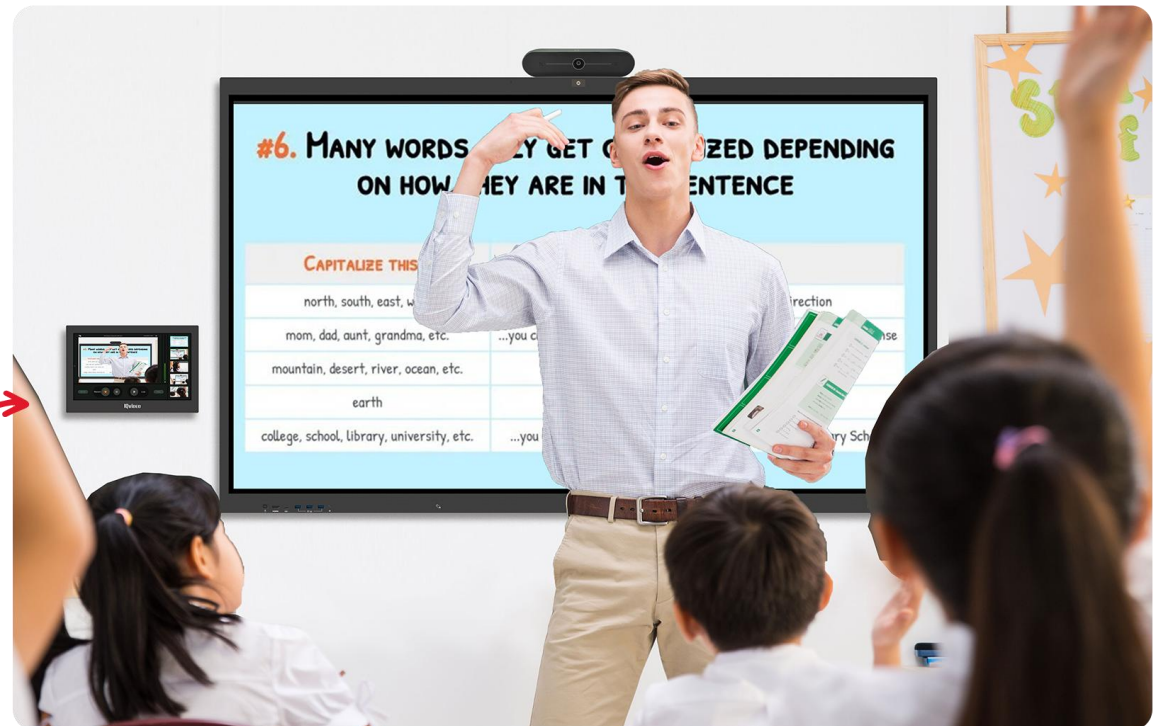
LIVE STREAM

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.
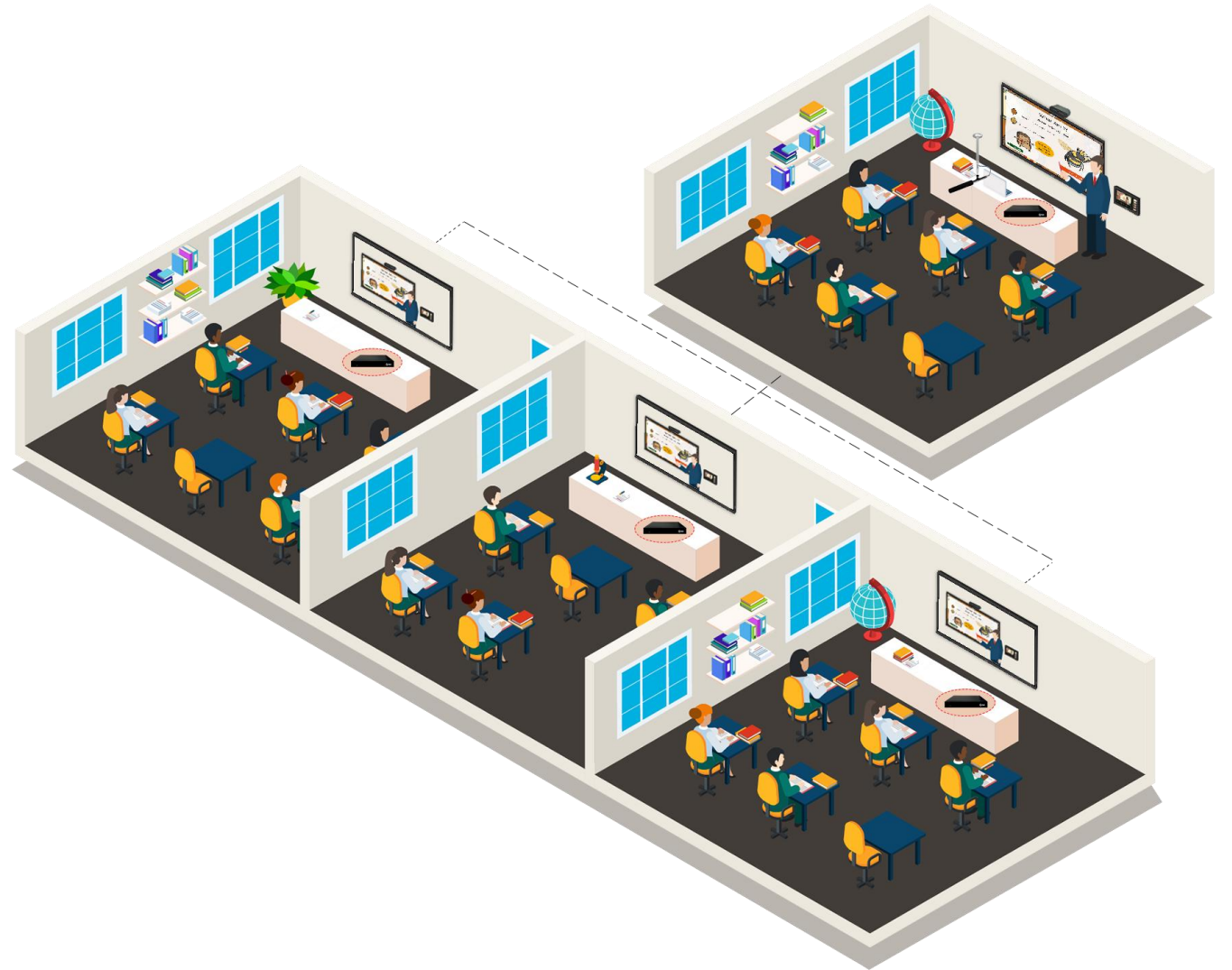
Application Scenario

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
- -34dB±3dB Sensitivity
- 30Hz to 18KHz Frequency Response
- Aluminum Alloy Extendable Rod Bracket

THANKS

IQvideo

IQ Authorized Dealer

IQ Board Australia

6 Lakewood Blvd, Carrum Downs Victoria, 3201 AUSTRALIA

1300 472 627 (1300 IQBOARD)

www.iqboard.com.au

enquiries@iqboard.com.au