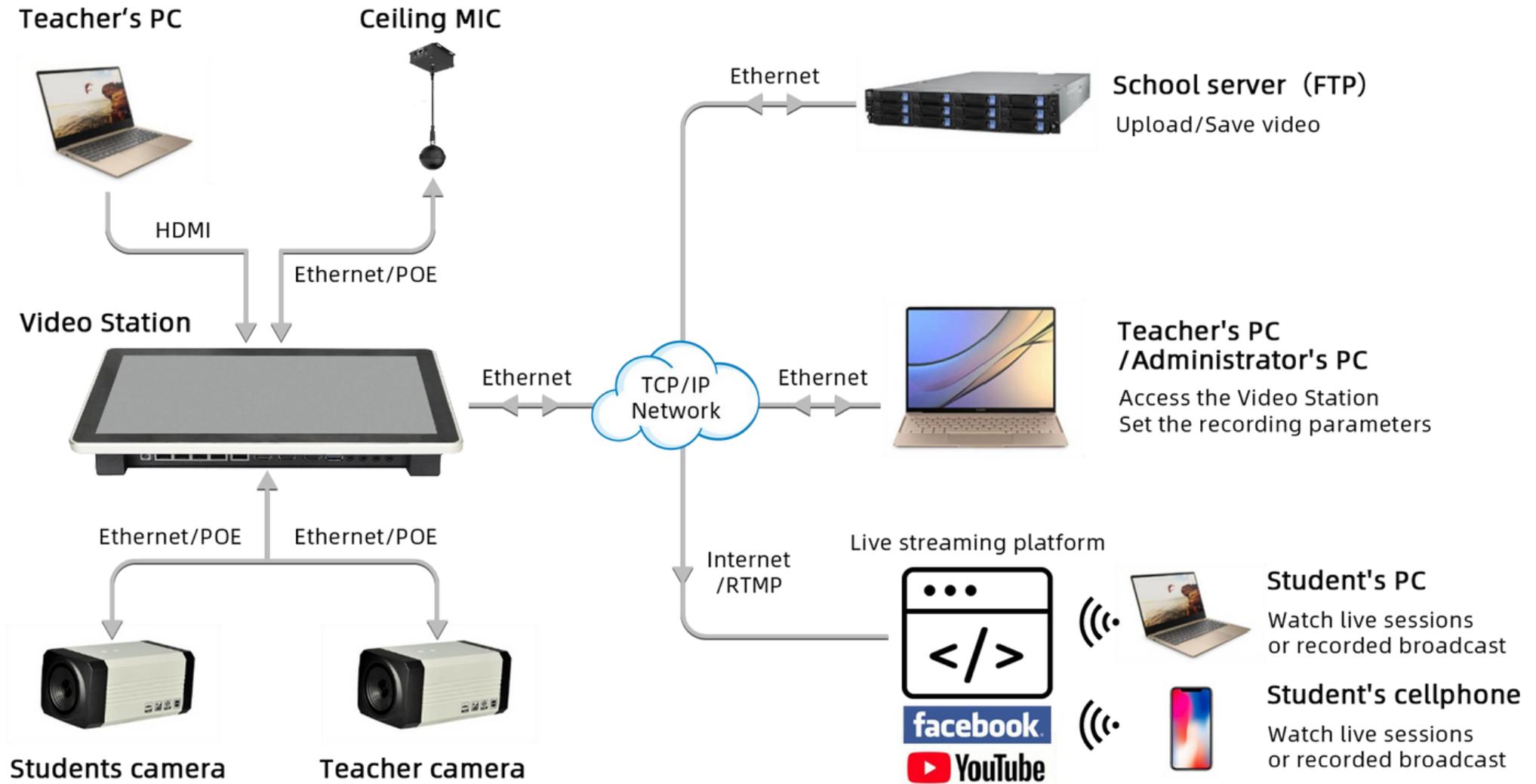




# IQVIDEO LCS610 LECTURE CAPTURE SYSTEM

An easy-to-use system not only for recording classroom lectures as videos, but also for live streaming to enable online learning.

# System Topology Diagram



# System Components



Ø Video Station LCS610



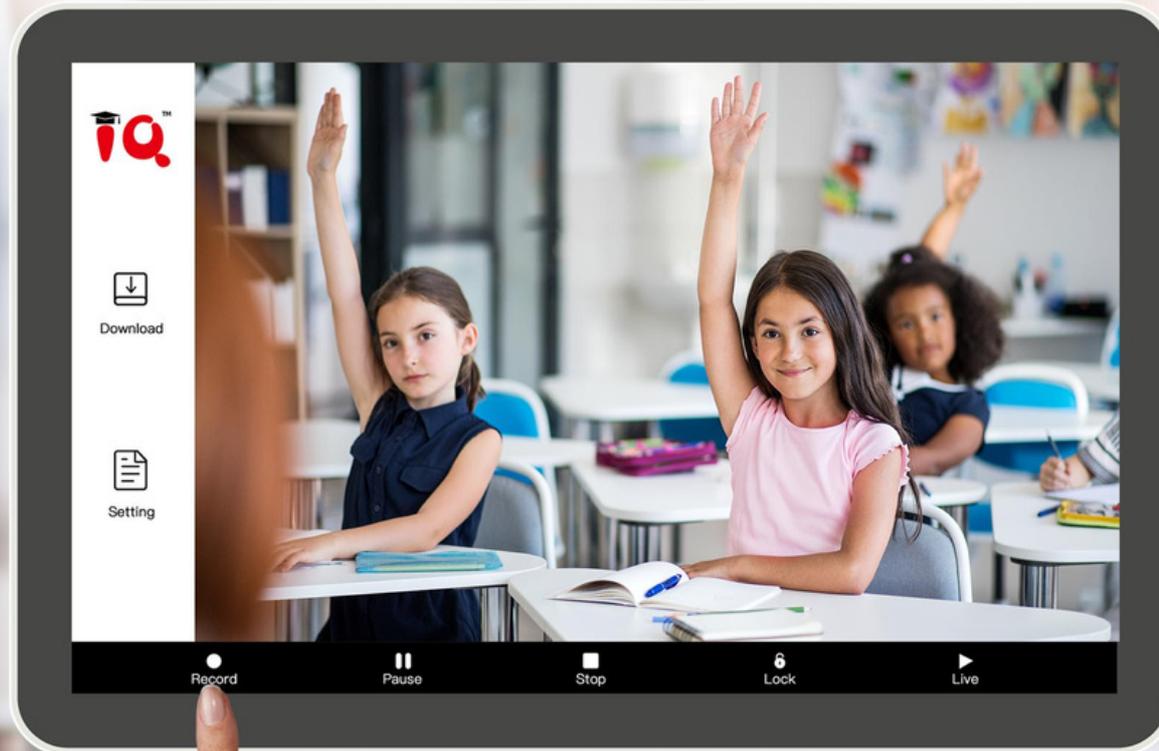
Ø Auto-tracking  
Camera(Teacher/Student)



Ø Ceiling Mic with Audio  
Processor

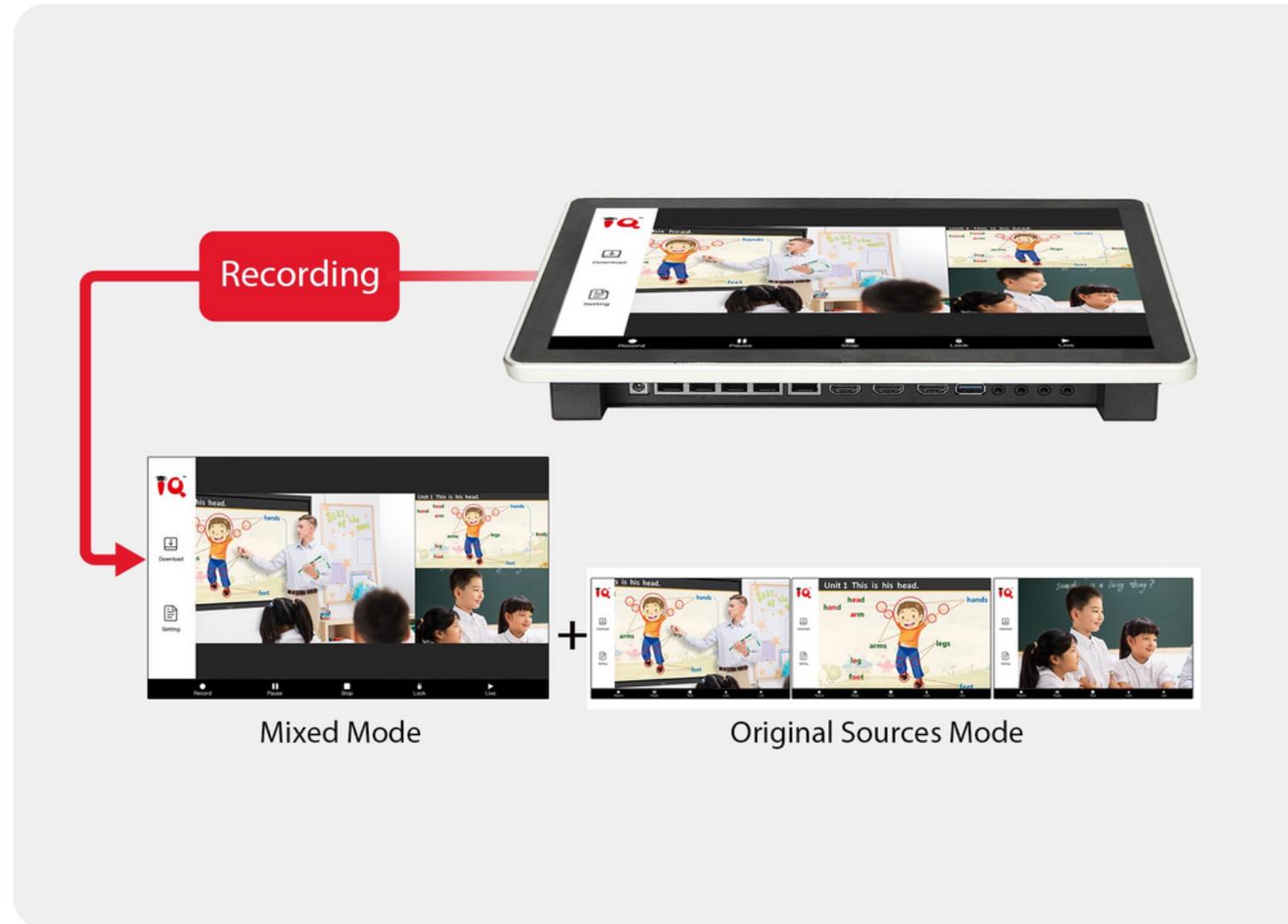
## One touch record and streaming

The Video Station is integrated with a 11.6" touch screen. Users can start recording or live streaming lecture by simply tapping on the built-in screen, which not only presents clear preview images, also allows on-screen editing and directing.



## Capturing multiple input sources

The Video Station supports connection of 2 cameras with 4 scenes. Besides, there's HDMI Input available for external PC connection, so that the teacher's courseware can also be recorded as a mixed video. The final videos outputed will include a mixed video and multiple independent videos for each input source respectively.





## Auto-tracking camera

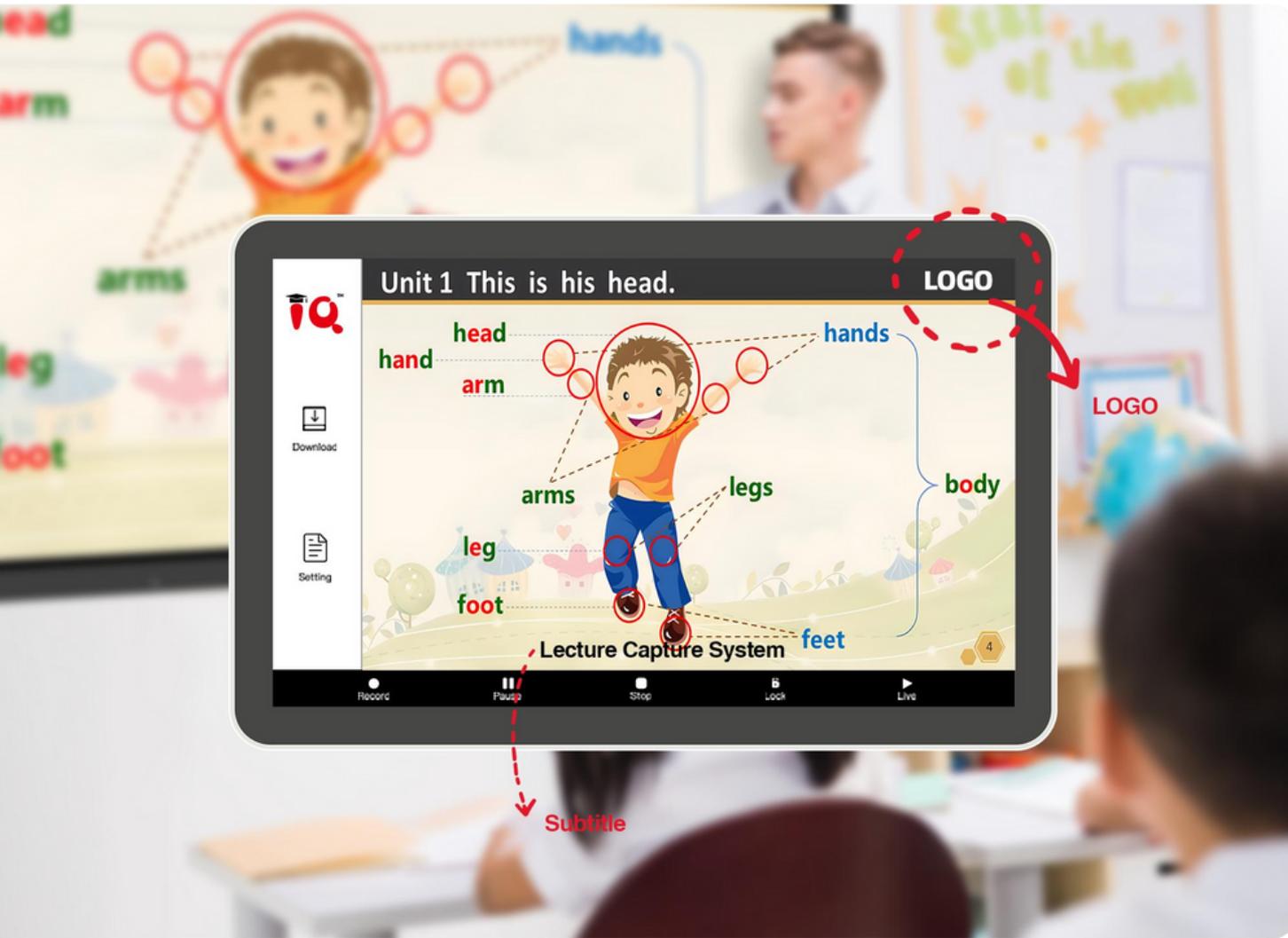
The two 4K ePTZ cameras are capable of capturing four different scenes including close-up or panorama of both the teacher and students. Featured with auto-tracking technology, the cameras can switch intelligently between panorama and close-up view while capturing the class.

## Wide range voice pickup

The omnidirectional microphone with 6 meters pick up radius will automatically focus on the current speaker and capture clear sound. It's with an audio processor to distinguish human voice from background noise and ensure perfect sound quality.



# System Features



## DIY Your own lecture

With LCS610, you can :

DIY your split screen.

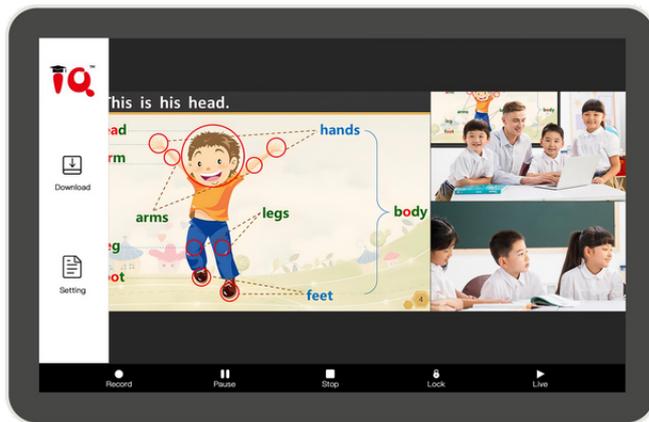
DIY your own lecture logo.

DIY the video starting and ending,

DIY the scroll caption.

DIY the title and subtitle.

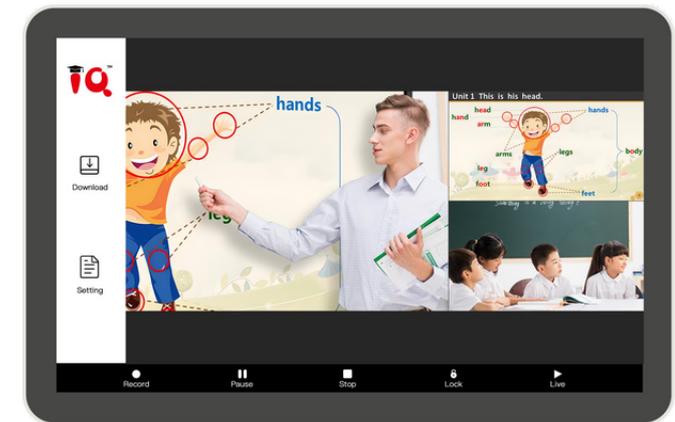
## Auto-director mode, free your hands



- ∅ Main screen could focus on the lecture when teachers are doing the PPT demonstration.



- ∅ Auto detect and switch to students' close-up image when someone stands up to answer questions.



- ∅ Auto-switch to teacher's close-up image when he moves in front of the presentation.

## Make plans for lecture recording

LCS610 can be set to schedule time for powering on/off and also schedule to record the lecture automatically when the class begins. It's convenient for lecturers so they only need to focus on the teaching itself without worrying about the technology.

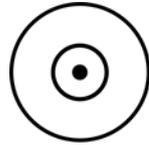




## Live streaming your mixed video

Setting up a live online class is only at the click of a button. Through on-screen or remote operation, users can broadcast the mixed video to Youtube, other live streaming platforms as online class for distance learning. The system supports RTSP/RTMP/TS streaming protocols.

## Build a lecture capture classroom with LCS610



Record the lecture



Share the recorded lesson



Enrich the school's teaching resource library



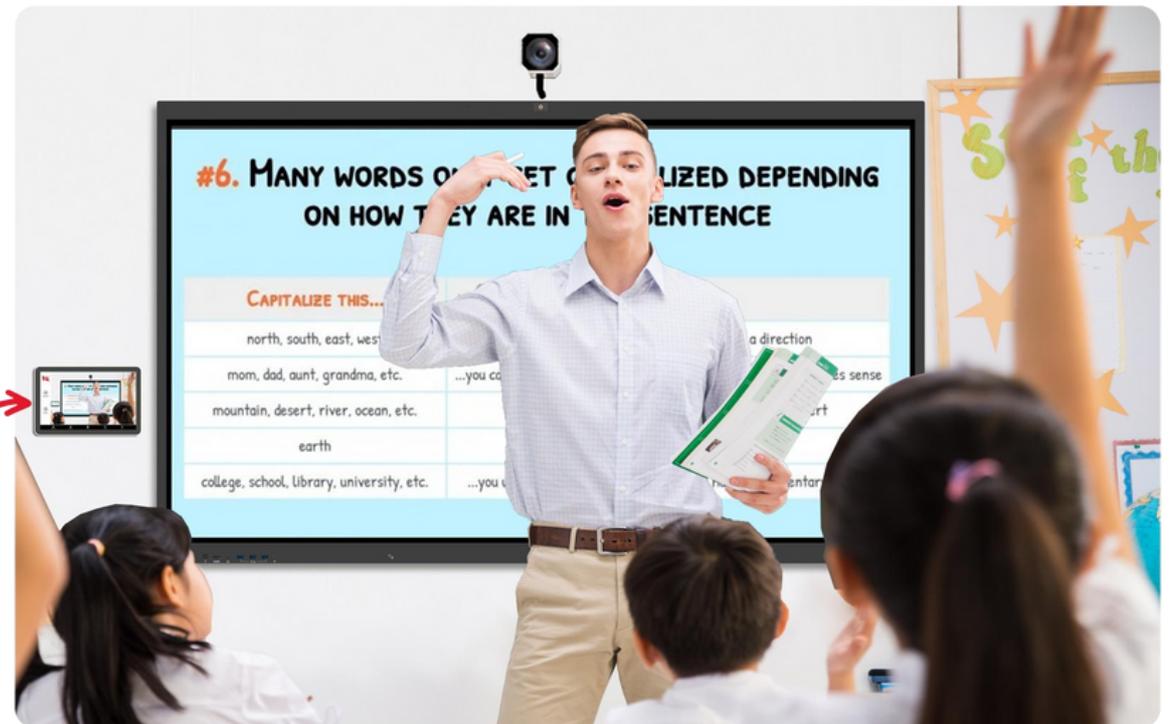
### Related product



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 the lecture to other classrooms within the school

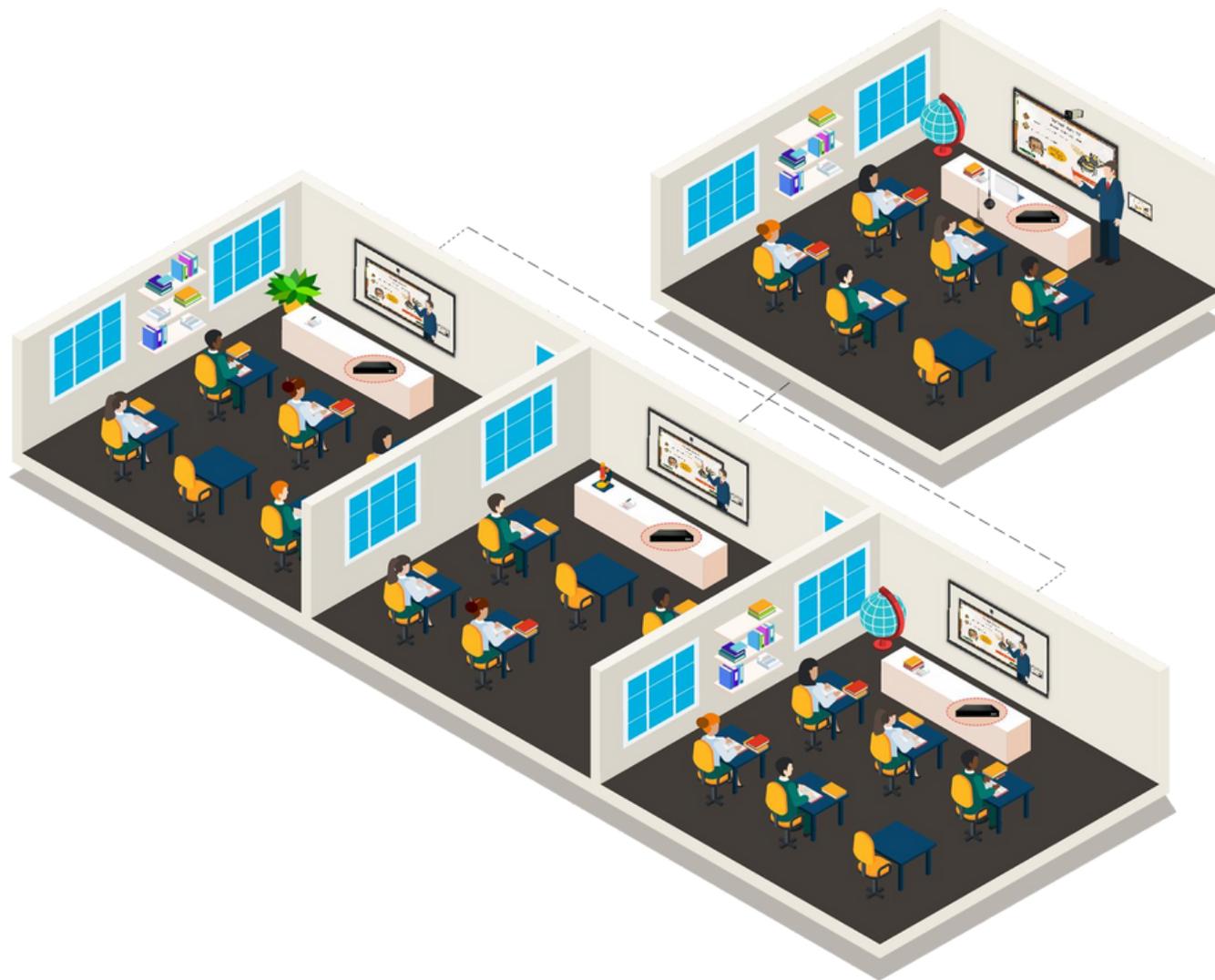
With the help of Q-NEX NMP and its cloud streaming service, the lecture captured by LCS610 can be broadcasted to other classrooms for students to watch and it's easier to manage by the school IT admin.

### ü Related product



Q-NEX Networked Media Processor\*

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



## Hybrid learning solution with LCS610

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



## Video Station LCS610

- | Power over Ethernet (3\*PoE+1\*LAN)
- | 11.6" capacitive touch screen
- | 1080P real-time encoding
- | Built-in 1T hard disk
- | 2 HDMI out and 1 HDMI in
- | 2\*Audio in and 2\*Audio out
- | USB 3.0 for lectures capture
- | RTMP/RTSP/TS/RTMPS



## Auto-tracking Camera (Teacher/Student)

- || 4K ePTZ camera.
- || 1/2.5 inch CMOS
- | 8.51 MP resolution.  
1080P@30FPS output  
Support at least 100 thousand hours  
continuous working.



## Ceiling MIC

- || 6 meters pickup radius.
- | Support AEC, AGC, ANS.  
Support 2 cascade ceiling mics  
(room size up to 100m<sup>2</sup>)



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