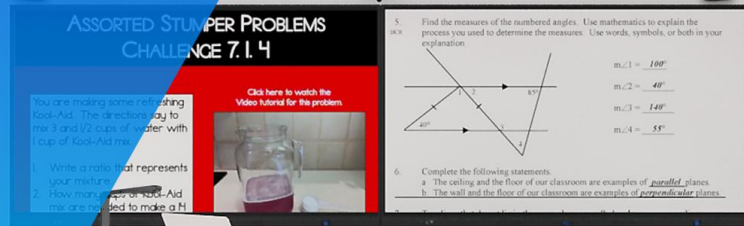


IQVideo Lecture Capture System

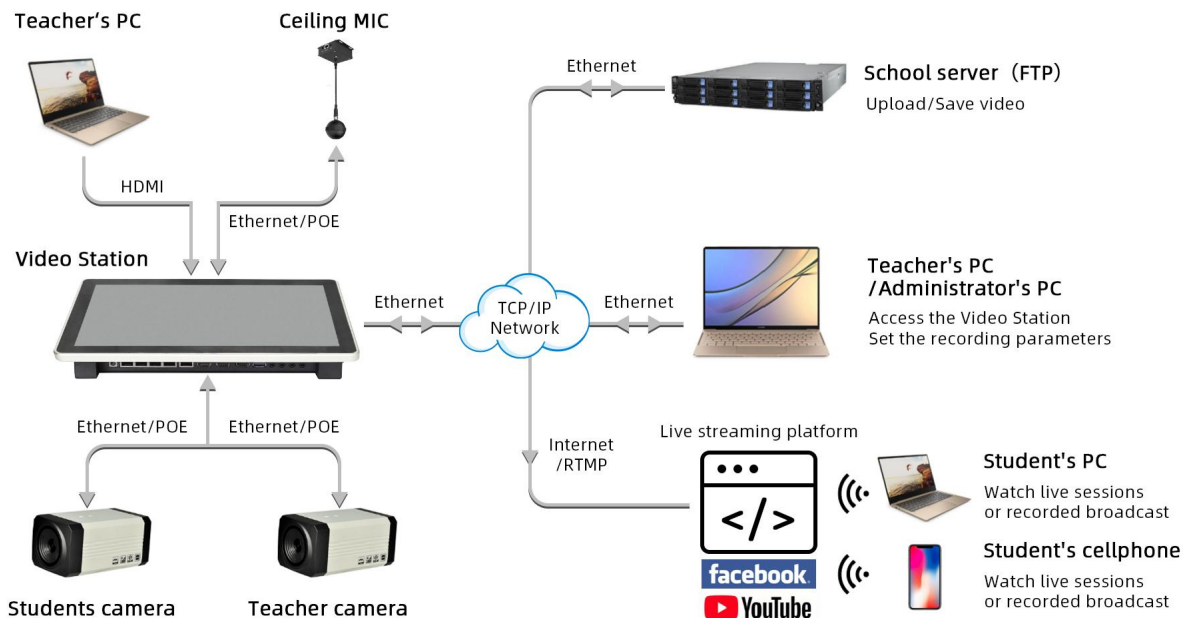


Schools are increasingly using live and on demand video to teach students while they are in school or away from school.

IQ offers a high-quality, easy-to-use video system which is essential for professors to record their valuable video courses and share with more students in or outside of the school. With IQVideo Lecture Capture System, it becomes easy to capture, switch, record, stream and deliver video content to a wider audience, whether live or on demand, locally or remotely.

IQVideo Lecture Capture System combines a Video Station, Auto-Tracking Camera(Teacher/Student), Pick-Up Microphone and Online Director Platform to provide the most flexible and effective capture classroom.

» System topology diagram



An Easy-to-use Lecture Capture System for All Your Classes



» Video Station LCS610

Instead of external connection, the Video Station is integrated with a high-definition LCD touch screen. Users can watch the local broadcast displayed on the full touch screen and carry out the directing operation without an additional display screen.

- **Recording**

With an easy-to-use software built in the Video Station, it is convenient to record either a simple screencast or multi-cameras pictures .

- **Directing**

The Video Station supports connection of 2 cameras with 4 scenes. The two 4K ePTZ cameras are capable of capturing four different scenes including close-up or panorama of both the teacher and students.

- **Remote managing**

Remote broadcast directing platform is embedded, no other server support is needed, which is convenient for teachers to use the browser to access the platform for functions such as broadcast directing, courseware management and courseware editing;

- **Live streaming**

Live stream school lessons at the click of a button. Webcast to the rest of the world through any streaming platform which supports RTMP , such as YouTube, Facebook and other live broadcasting websites.

- **Online editing**

The remote director platform supports the online editing of courseware, and can perform online micro-course editing operations on the recorded courseware. It supports operations such as cutting, merging, and adding knowledge points, without uploading the courseware to the platform or downloading third-party editing software



» Auto-tracking Camera (Teacher/Student)

- The camera adopts EPTZ high integration technology, no need mechanical rotation of the tracking camera and also no need auxiliary camera, the automatic tracking can be completed. The output image format supports up to 1080P.
- The flexible tracking strategy can support the whole process of tracking, when the teacher quickly moves around it will switch to panorama, and when he walks within close range it will switch to close-up tracking.
- The target tracking is not limited by the size and shape of the classroom, which is suitable for irregular classrooms and lecture halls.



» Ceiling MIC

- Intelligent voice tracking
Automatically focus on the current speaker without human intervention, clear sound and low noise.
- Wide range pickup area
Pick up area covered 60 square meters, three times larger than the similar unidirectional products.
- Perfect sound quality
Suspension ceiling features, optimized audio acquisition, transmit the sound authentically.

» Specifications

● Video Station LCS 610

Model	LCS610
System	Embedded remote broadcast directing platform
Video input	HDMI*1
Resolution (highest)	1080P
Frame rate	1-60(optional)
Video output	HDMI OUT*2
Storage	1TB
Ethernet	4*LAN ports, PoE supported
Console interface	RJ45*1 (support RS232)
Audio	AUDIO IN *2; AUDIO OUT*2
Screen size	11.6 inch

● Auto-tracking Camera

Model	AT300-T	AT300-S
Size	72mm x 60mm x 130mm	
Weight	0.5kg	
Image sensor	1/2.5 inch, CMOS,8.51M pixels	
Focal length	f = 7.35 mm, horizontal viewing Angle: 46 °	f = 3.5 mm, horizontal viewing Angle: 84 °
Auto focus	Support	
Minimum illumination	0.5 Lux @ (F1.8, AGC ON)	
Electronic shutter	1/30s ~ 1/10000s	
White balance	Auto, indoor, outdoor, one-click, manual	
Supported resolution	3840x2160,1920x1080,1920x1080,1280x720,1024x576,720x576(50Hz),720x480(60Hz),720x408,640x360,480x270,320x240,320x180	

● Ceiling MIC

Model	SY-W10
Pickup radius	6 meters
Audio Output	RCA: Analog audio output
AEC	Support
AGC	Support
ANS	Support
Pickup adapter	6 pin CANNON , used for connecting special pickup
System indicator	Steady red: the system is starting Steady green: clock synchronization Green flashing: normal operation
Interface	1*48V PoE power supply input, digital audio output ; 1*48V PoE power supply output, digital audio cascade

IQ Authorized Dealer



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