IQVIDEO LCS810
LECTURE CAPTURE SYSTEM

Your best choice of lecture recording system for
hybrid classrooms

Advantage

Larger touch screen

Built-in power amplifier

Multiple video access methods (RTSP/ONVIF/HDMI /USB Inputs)

Interactive video conferencing with third-party software (Zoom, Teams, etc.)

Durable performance

Interactive video conferencing for up to 10 parties without building MCU servers

Built-in audio processor

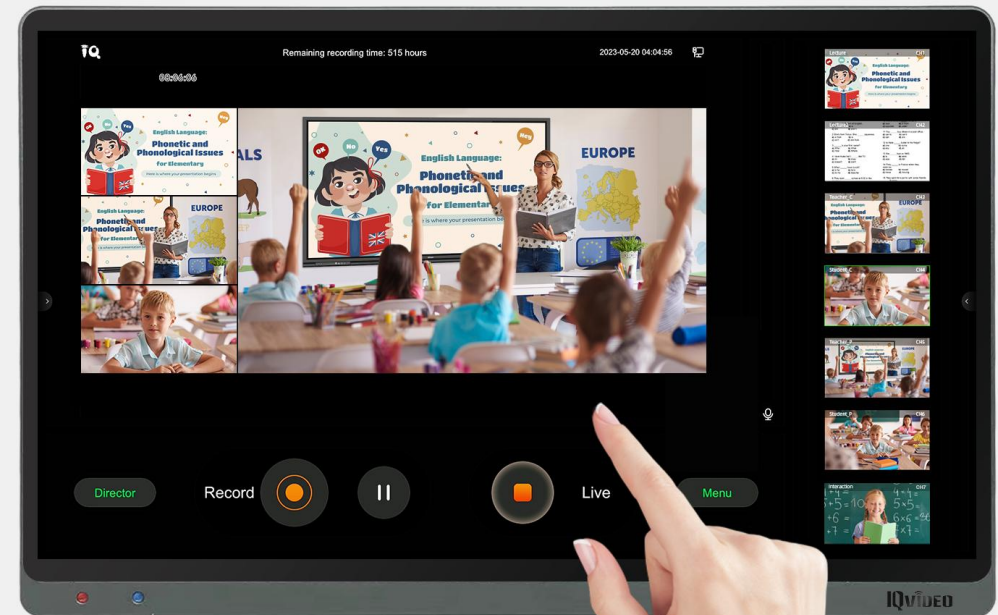Large capacity storage

Scheduled recording/live broadcasting

Abundant audiovisual interfaces for diverse applications

System Features

High-definition touch screen

The lecture capture video station is integrated with a 15.6-inch high-definition touch screen that can conveniently accessible at your fingertips. The large screen ensures optimal display of all video images, whether for live broadcasts or classroom presentations. The intuitive interface streamlines complex processes, enhancing efficiency in both real-time coordination and management.
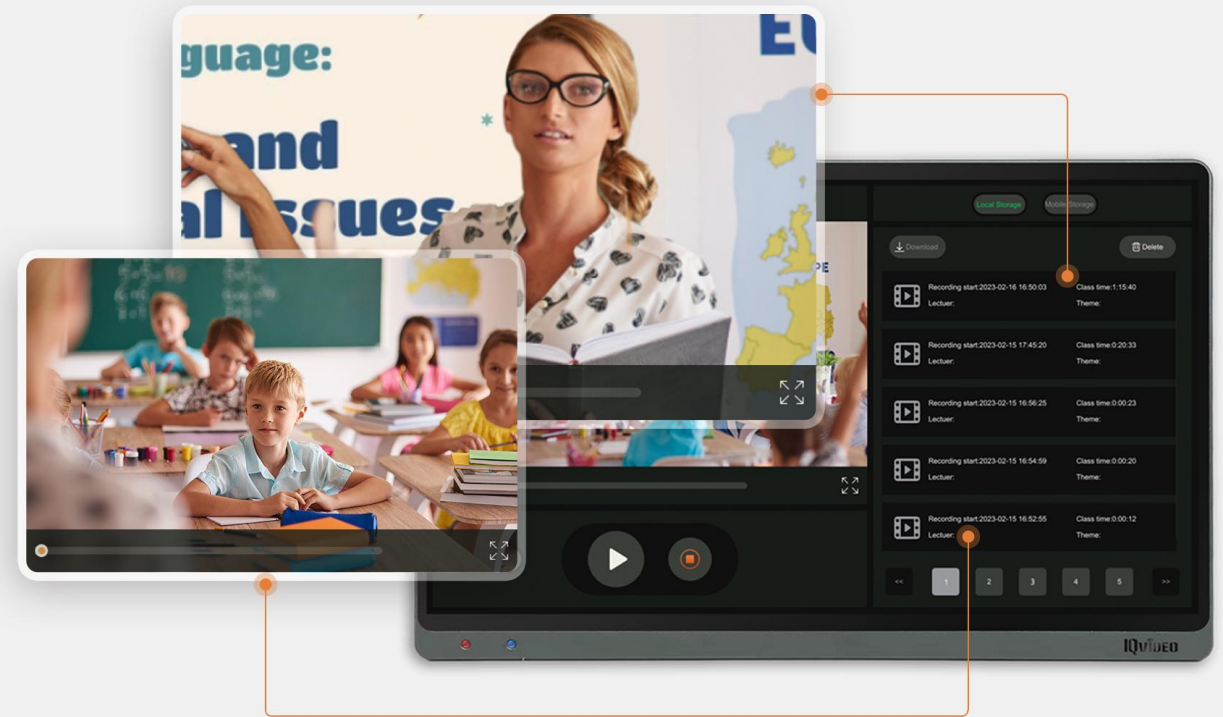
Diversified director management

● 8 layout modes are available to meet diverse viewing and command needs. Whether you're setting up a small classroom presentation or a large broadcast, you can customise the layout to best suit the scene.

● 11 transition effects provide a smooth and natural switch to enhance the viewing experience. It also supports customisation of subtitles, station logos, opening and closing credits and other graphic elements.
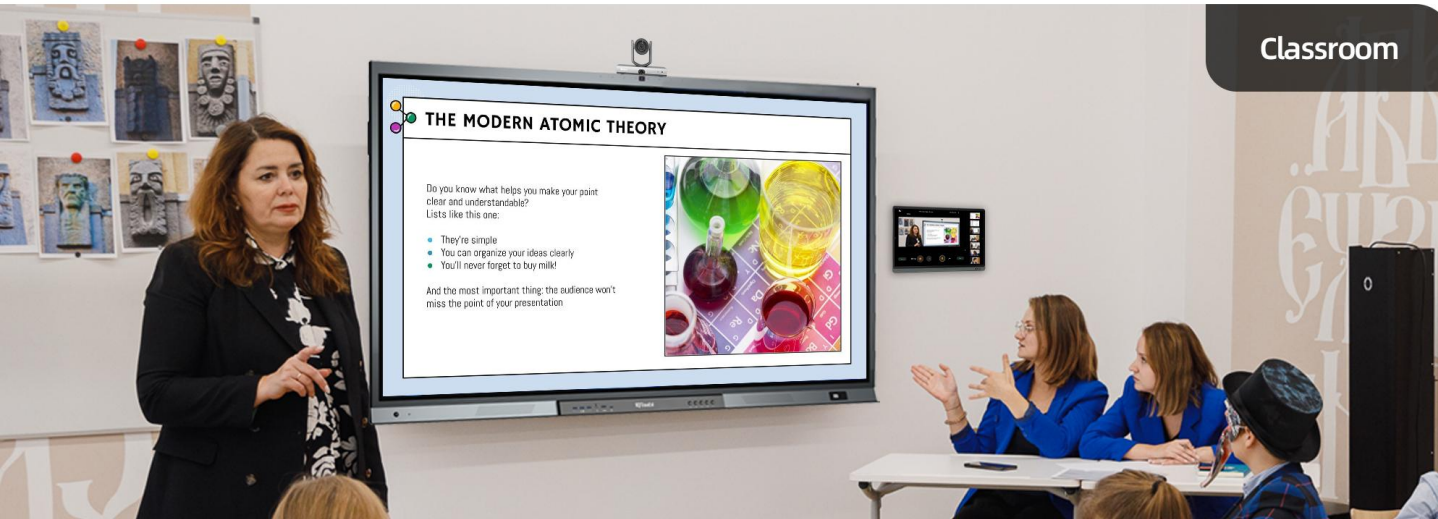
System **Features**

Stable and flexible recording

The LCS810 offers the flexibility to record up to 4K UHD resolution. Whether it's segmented recording, scheduled recording, simultaneous recording of film channels and source channels, the LCS810 offers great flexibility in arranging and organising your video. The system integrates a 1TB hard disc to ensure long time continuous recording. This storage capacity can accommodate large files, recordings and video content.

System **Features**

Classroom

Home

Live learning without location limitation

The LCS810 is equipped with the capability to facilitate live streaming via a range of protocols, including RTMP and HLS. Thus, it is readily compatible with diverse third-party platforms from YouTube to Vimeo, the system integrates seamlessly with your preferred service and systems. It offers a convenient way to construct a remote or flipped classroom for students to engage in online learning.

System **Features**

1v9 low latency remote interaction (optional)

The LCS810 comes with a 5-port gigabit switch (including 3 POE ports) , making it easier to set up with interactive stability. In addition, the system includes a low-latency interactive module that allows HD remote interaction with up to 10-party LCS810 without the need for an external MCU server. It is suitable for engaging, high-definition remote interaction experience in app free scenarios. Remote interaction for over 10 paries are also possible with external MCU servers.

System **Features**

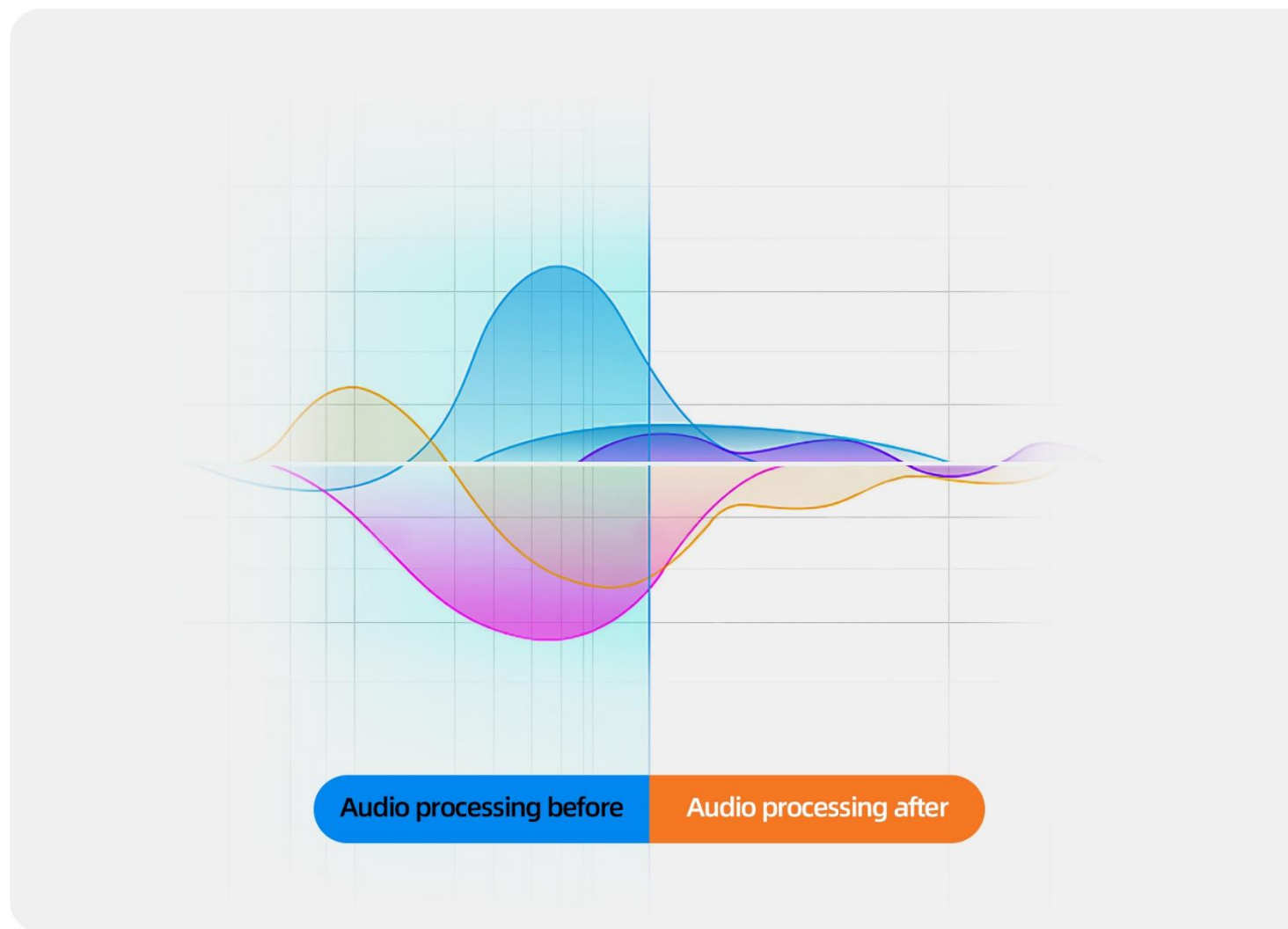## Swift access to mainstream online conferencing software

The LCS810 is equipped with a built-in UVC output, which is capable of supporting the UVC/UAC protocol. It can be driver-free through the host USB output, providing video and audio, and can be connected to third-party online conferencing software, such as Zoom or Teams, facilitating rapid access to online teaching and conferencing.

System **Features**

Smooth audio processing

With built-in audio processing module, LCS810 supports sound feedback cancellation, sound echo cancellation, automatic mixing, noise suppression, and audio matrix to ensure smooth, silky, stable sound experience for remote interaction. It also supports wireless microphone, linear input audio signal pickup and local sound reinforcement.

Audio processing before | Audio processing after

System **Features**

High stability for durable use

Powered by a porwerful ARM quad-core processor to ensure 24/7 continuous use, so it is ideal for environments where you need to keep recording for an extended time.

Recommended Camera

4K PTZ Camera ｜ CV870 Pro

- 1/2.8" CMOS
- 8.46 MP resolution
- 12x optical zoom
- 8x digital zoom
- Auto Focus/Auto Exposure/Auto White Balance
- 4K@60FPS output

Recommended Camera

4K ePTZ Camera | CV210

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

Recommended **Microphone**

Ceiling Microphone | S610

- 8 meters pickup radius
- Support AEC, AGC, ANS
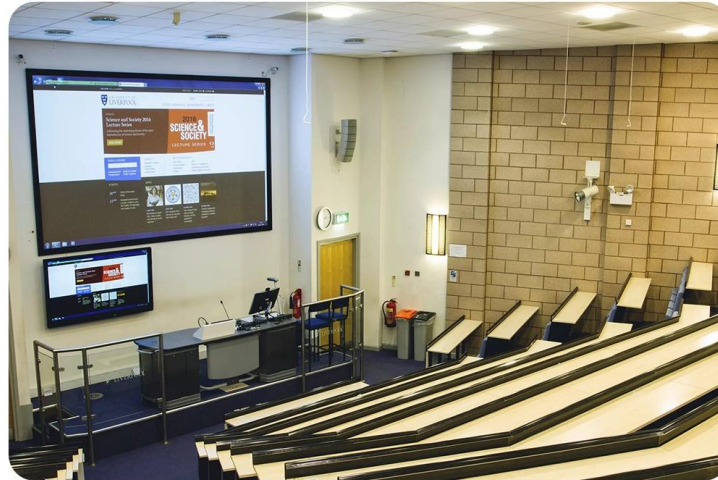- Support 4 cascade ceiling mics

Recommended **Microphone**

Ceiling Microphone | S210

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

Applications for LCS810
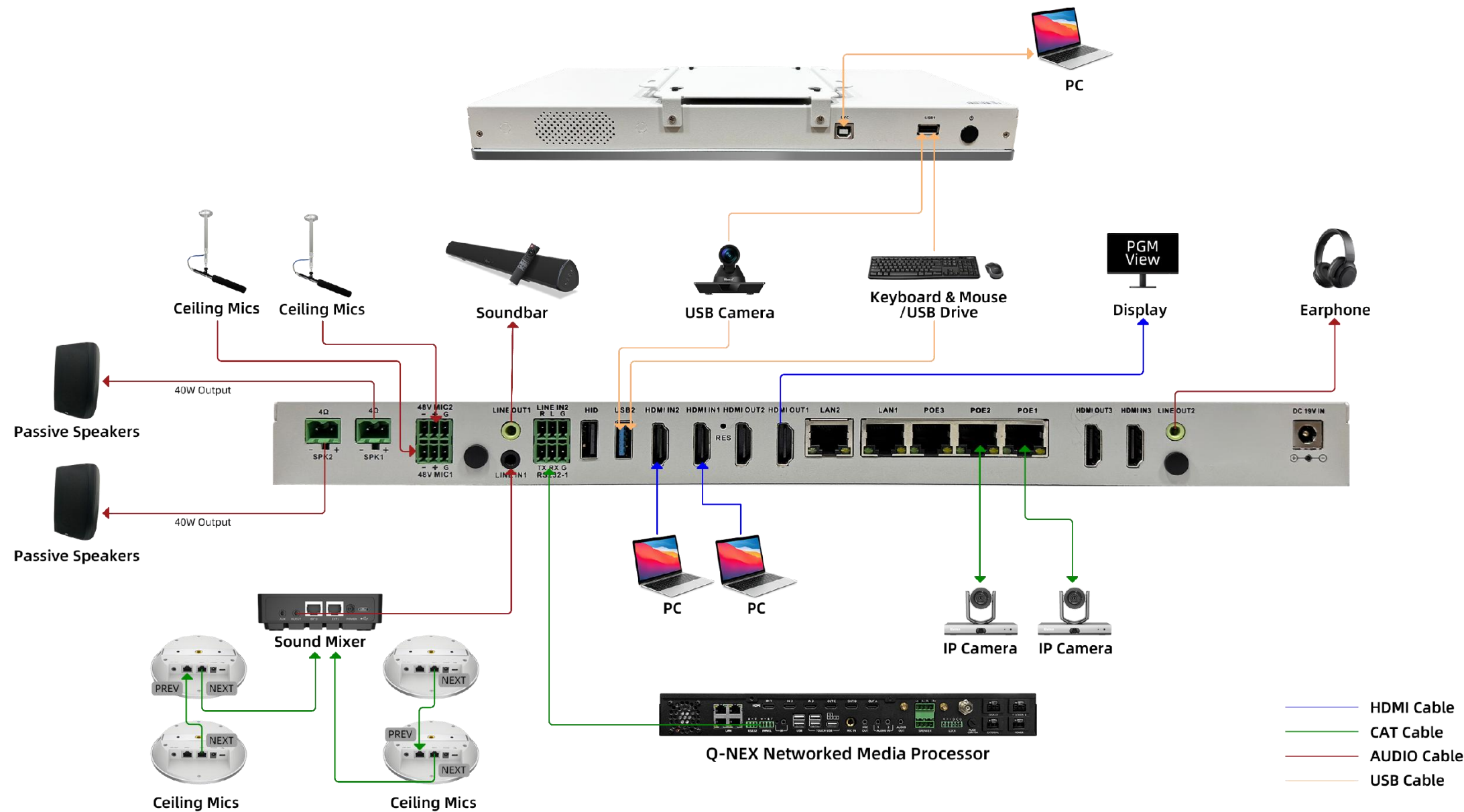

**Educational Institution
Hybrid Classroom**

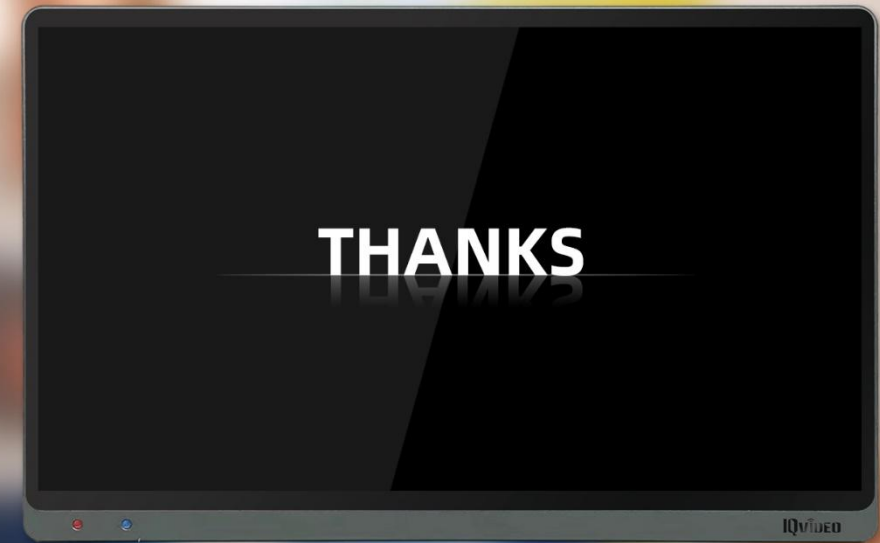**University Lecture Capture
and Remote Learning**

**Corporate Meeting with
Global Virtual Attendance**

System **Topology Diagram**

PC

Ceiling Mics   Ceiling Mics   Soundbar   USB Camera   Keyboard & Mouse /USB Drive   Display   Earphone

40W Output

Passive Speakers

40W Output

Passive Speakers

SPK2   SPK1   48V MIC2   LINE OUT1   LINE IN2   HID   USB2   HDMI IN2   HDMI IN1   HDMI OUT2   HDMI OUT1   LAN2   LAN1   POE3   POE2   POE1   HDMI OUT3   HDMI IN3   LINE OUT2   DC 19V IN
4Ω   4Ω   48V MIC1   LINE IN1   RS232-1   RES
TX RX G

PC   PC   IP Camera   IP Camera

Sound Mixer

PREV   NEXT   NEXT

NEXT   PREV   NEXT

Ceiling Mics   Ceiling Mics

Q-NEX Networked Media Processor

HDMI Cable
CAT Cable
AUDIO Cable
USB Cable

THANKS

Returnstar Interactive Technology Group CO., LTD.
📍 6th Bldg. High-Tech Base. Fuzhou Fujian Prov. China
🌐 www.IQBoard.net   📞 0086-591-38202660
✉ IQBoard@IQBoard.net   📠 0086-591-38203003