macsys

Audio-Visual Control Desk

AVCON-DESK

Audio-Visual Control Desk

Introducing the AVCON-DESK

01

The MACSYS AVCON-DESK is an all-in-one Audio-Visual Control Desk specifically crafted for classrooms that already possess a lectern. Simply placing it on top of the existing lectern, a conversion to a digital lectern is achieved.





Audio-Visual Control Desk

Features

02

Capacitive & Electromagnetic Dual Touch

Macsys AVCON-DESK Audio-Visual Control Desk supports both finger and pen writing. It allows gesture controls for clicking, zooming, and roaming, while pen for annotations. This desktop writing capability enhances the teacher's experience, fostering eye contact between presenters and audience.



Audio-Visual Control Desk

Features



Dual Screens with Optical Bonding

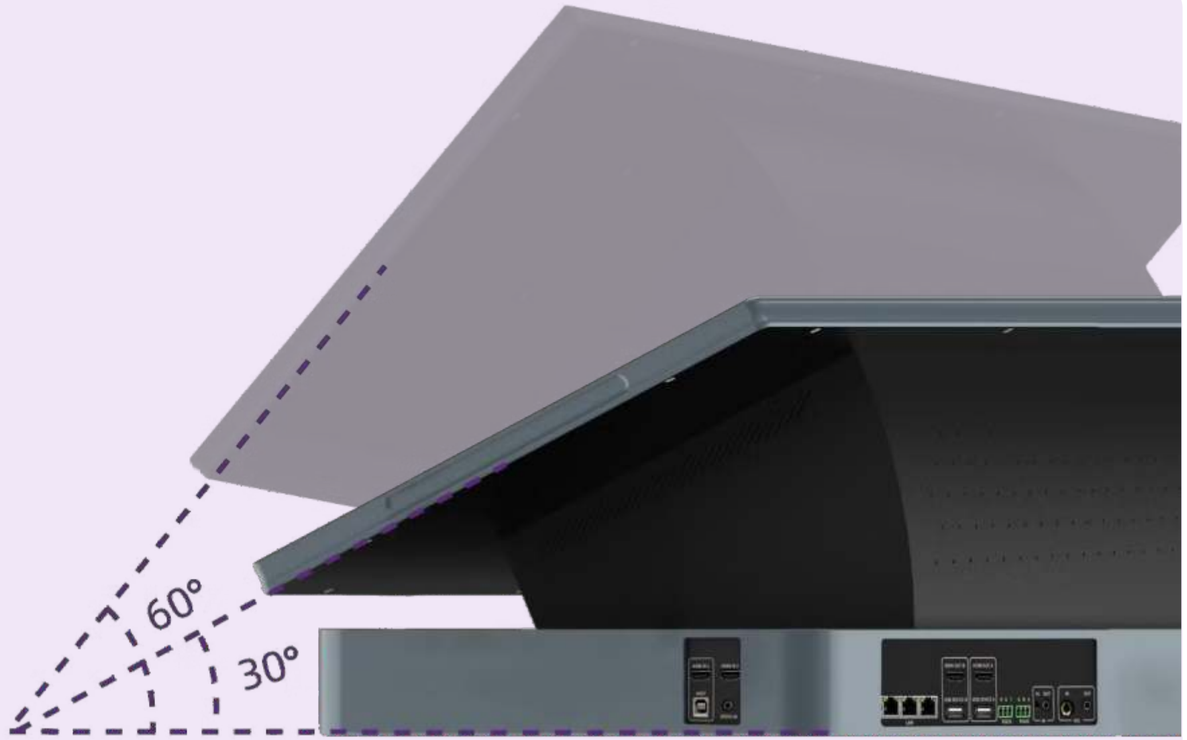
The Audio-Visual Control Desk features two screens for annotation and local device control. The screens employ optical bonding technology, providing teachers with a comfortable visual, touch, and writing experience.

Audio-Visual Control Desk

Features

30°- 60° Screen Adjustment

AVCON-DESK can be placed on a traditional lectern, offering a screen angle adjustment from 30° to 60° for convenient switching between sitting and standing positions, bringing the lecturer more comfortable experience during class.



Audio-Visual Control Desk

Features



Unified Device Control from Local and Network

The AVCON-DESK enables seamless one-click activation of classroom devices (lights, interactive flat panels, projectors, etc.). It offers control over air conditioning temperature and mode adjustments.

AVCON-DESK provides unified control through both local and network-based remote access, allowing centralized device management on multiple classrooms.

Audio-Visual Control Desk

Features

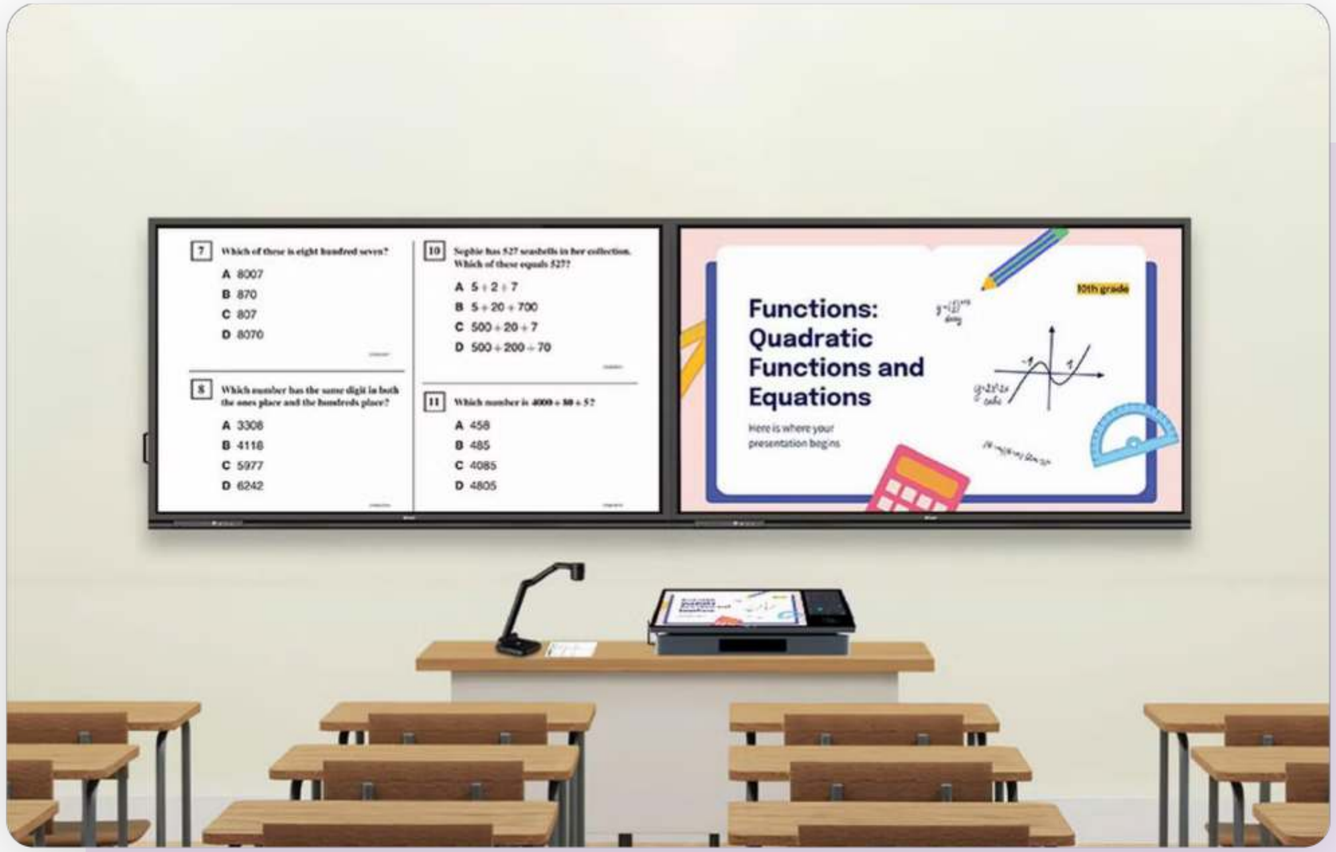
Handy use on the built-in computer

Integrated with a high-end computer, Audio-Visual Control Desk not only saves teachers the trouble to bring their own laptop to the classroom, but also spare classroom space for installing an extra PC.



Audio-Visual Control Desk

Features



3x2 AV Matrix Switch

The 3x2 matrix switch allows teachers to flexibly switch input and output devices in the classroom, enabling dynamically switch and showcase desired content on screens. Whether presenting identical or different content on multiple screens in a classroom, the matrix switch provides a versatile and adaptable display experience.

Audio-Visual Control Desk

Features

AV Broadcasting and Live Streaming

Macsys AVCON-DESK facilitates campus-wide audiovisual broadcasting or live streaming over the network. Whether initiating real-time broadcasts or scheduling different audio or video to various classrooms, it offers extensive possibilities.



*A Media Server is required for pushing AV broadcast and live streaming to the AVCON-DESK

Audio-Visual Control Desk

Features



Wireless Microphone & Sound Amplification System

With a wireless microphone system and built-in amplification, Macsys AVCON-DESK makes it easy for teachers to amplify their voices locally, ensuring a more effortless teaching experience.

Features

Precise pen control with convenience

Macsys AVCON-DESK active capacitive stylus pen enables precise control that enhances convenience and functionality with:

- # 4096 levels of pen pressure
- # Pen tip annotation and pen tail eraser for corrections
- # Compatible with Microsoft Pen Protocol and Windows Ink support
- # TYPE-C Charging paired with an LED indicator
- # Aluminum alloy integrated body structure for durable use



Audio-Visual Control Desk

inside AVCON-DESK



Audio-Visual Control Desk

Solumate AVCON-DESK

Macsys AVCON-DESK is the core component of educational digitalization. Using the following components, the classroom can be easily upgraded to an intelligent modernization classroom, greatly improving the teaching experience for teachers and students.



Interactive Display



Document Camera



Wireless Presentation System



Video Conference Camera



Lecture Capture System

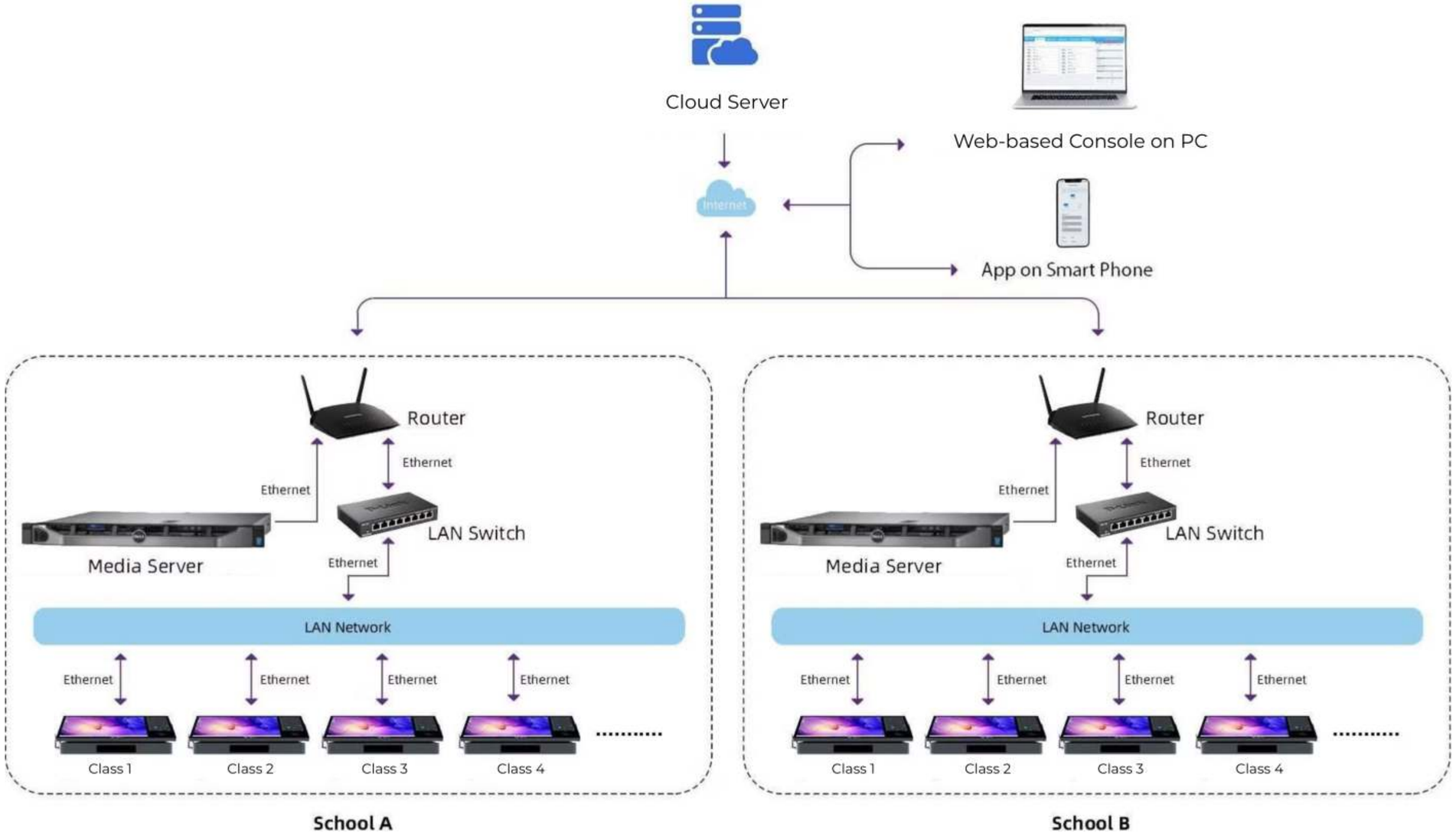


Passive Audio Speaker

Application Diagram



Network Diagram

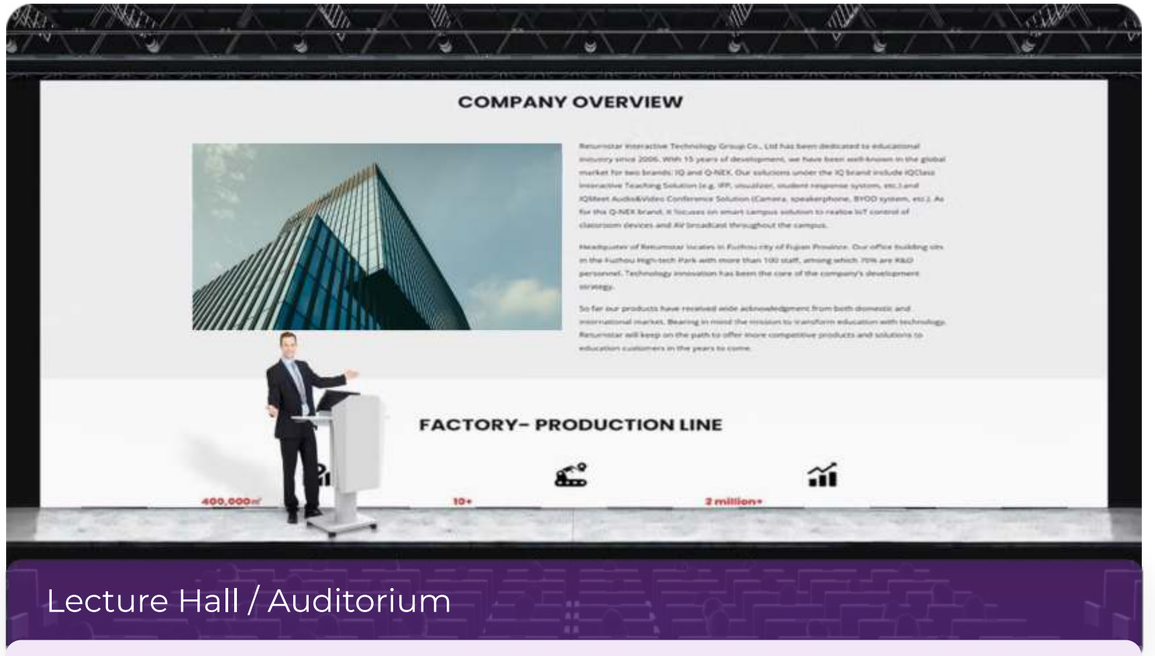


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Smart classroom

With additional devices such as document cameras or wireless sharing systems access, teachers can present engaging content through multiplescreens, enriching the visual experience for students.



Lecture Hall / Auditorium

The AVCON-DESK, with its multifunctionality and easy installation, can be effortlessly deployed in medium to large lecture hall settings. It elegantlydelivers presentations and lectures in large venues, enhancing the experience for both presenters and audiences.

Audio-Visual Control Desk

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Online teaching classroom

The AVCON-DESK control panel allows for easy control of camera images. Through the AVCON-DESK, you can access the classroom's connected cameras,microphones, and other devices, enabling direct online teaching and facilitating hybrid learning. With its advanced features and adaptability,



Meeting room

AVCON-DESK is perfect for meetingrooms, whether online or offline, and can be seamlessly integrated with various devices such as laptops, projectors and sound systems. This facilitates effective communication and collaboration during meetings.

Thank you

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