



## Description

The cloud-controlled classroom multimedia touch control screen provides teachers with richer audio matrix, video matrix switching and control functions in classroom scenes, it realizes functions such as one-click entry and exit of classes, teaching scene switching, video source switching, voice transcription, remote recording and broadcasting, mic control, card swipe linkage and attendance, and further integrates controlled equipment and terminals to make operations convenient and fast.

## Feature

- \* Built-in 4-inch full-color display, capacitive touch glass panel, smooth and simple operation.
- \* Built-in ARM9 microprocessor, strong processing performance, meet various program operation requirements.
- \* Support RS485 control, support communication with the central control through RS485, meet the hardware connection requirements of various intelligent appliances and intelligent control.
- \* The power module is separated from the main panel, and the installation of the whole machine is simple and reliable.
- \* With the platform, support a variety of optional panel combination control strategies and IC card permission management. Classrooms can be controlled by role, time period or course.
- \* Support environmental monitoring function, with classroom terminals and sensors, support viewing the temperature, humidity, PM2.5 and other data collected by sensors connected to classroom terminals in real time.
- \* Support the video control function, with the one-key switching of multiple signal sources of the classroom terminal, it can realize the switching control of the built-in matrix of the classroom terminal.
- \* Support audio control function, when used with university terminals, it can control the volume and mute functions of audio sources such as ceiling mics, broadcasts, HDMI, interactive intelligent flat panel, remote recording and broadcasting, and desktop mics connected to classroom terminals, eliminating the need for repeated clicks and saving time.
- \* Support device control function, with the classroom terminal, it can control the projector, projection screen, interactive intelligent flat panel, smart blackboard, HD recording controller, computer, air conditioner and other equipment connected to the classroom terminal to switch on and off, and switch modes.
- \* Support the controller information viewing function and modification, which can realize the viewing and modification operation of the IP and version related information of the access controller, which is simple and convenient.
- \* Support the scene call function, with the classroom terminal, support adding various scene modes such as class start/end, and the control terminal only needs one-key operation to start or switch all the devices in the scene, avoiding cumbersome operation steps.
- \* Equipped with classroom terminals, support online flexible configuration of custom programming instructions, and can realize rich scene modes.



### Specification

<b>Operating system</b>	ATOS system, equipped with GVS UI modification tool
<b>CPU</b>	ARM9
<b>RAM</b>	64M
<b>Flash</b>	16M
<b>Display size</b>	4 inches
<b>Display area</b>	71.86(H)×70.18(V)mm
<b>Resolution</b>	480×480
<b>Brightness</b>	350cd/m2
<b>Chromatic number</b>	24-bit full color (16.7M colors)
<b>Touch screen</b>	Single point + gesture capacitive touch screen
<b>Serial port</b>	RS-485
<b>Audio</b>	Built-in buzzer
<b>Button</b>	Hidden reset button
<b>TF card slot</b>	Support TF card upgrade interface project
<b>Bottom box</b>	Standard 86 bottom box
<b>Power supply</b>	DC 12V (support microusb interface, industrial terminal power supply)
<b>Power consumption</b>	2W
<b>Operating temperature</b>	-20°C ~ 70°C
<b>Working humidity</b>	RH10% ~ RH90% , no condensation
<b>Storage temperature</b>	-40°C ~ 85°C
<b>Storage humidity</b>	≤RH90% , no condensation
<b>Overall dimensions (LxWxH)</b>	86×86×35(mm)
<b>weight</b>	0.1155kg