



Description

The multimedia touch control screen provides teachers with richer audio matrix, video matrix switching and control functions in classroom scenes, realizing one-click get out of class entry and exit, teaching scene switching, video source switching, voice transcription management, remote recording and broadcasting management, hanging microphone control and sound reinforcement equipment management functions, further integrating the controlled devices and terminals to make operation more convenient and fast.

Features

- *The product has a built-in 7-inch IPS LCD display and adopts a capacitive touch glass panel design, which makes the operation smooth and simple.
- *The platform can be equipped with a variety of panel combination control strategies and IC card permission management, and classrooms can be managed by role, time period or course.
- *Support environmental monitoring function. When used with classroom terminals and sensors, the air quality data collected by sensors connected to the classroom terminals can be viewed in real time, including temperature, humidity, and PM2.5 data.
- *It supports video control function and can realize one-key switching of multiple signal sources when used with classroom terminals, and can realize switching control of the classroom terminal video matrix.
- *It supports volume control function. When used with classroom terminals, it can realize volume control and one-click mute function for microphones, digital broadcasting, HDMI, all-in-one machines, and remote recording and broadcasting audio sources connected to the classroom terminals, without the need for repeated clicks, saving time.
- *It supports device control function. When used with classroom terminals, it can realize power on/off and mode switching control of projectors, projection screens, intelligent interactive flat panel, smart blackboards, recording and broadcasting hosts, hanging microphones, and remote recording and broadcasting, and voice transcription devices connected to the classroom terminals.
- *Supports host information viewing function, which can realize the viewing of information related to the connected host model, IP and version.
- *It supports scene calling function, and can be used with higher education terminals to add and switch class, class end, and custom scene modes. The control end only needs one button operation to realize the linkage start or switch of all devices in the scene, avoiding cumbersome operation steps.
- *When used with classroom terminals, it can realize flexible online configuration of custom programming instructions and achieve a variety of scenario modes.



Specification

Operating system	No operating system, just power on and it will run
Storage space	128Mbit, supports JPEG, PNG (semi-transparent/fully transparent) compression, and supports storage of pictures of any size.
Screen size	7.0 in
Display type	IPS LCD
Screen technology	Capacitive touch screen
Resolution	1024*600
Brightness	220 cd/m2
Color number	16-bit RGB full color, 65K colors
Touch	Single-point touch gesture
Interface	Using RS485 communication protocol PANEL interface (A, B, GND, VCC)
Button	Hidden reset button
TF card slot	Support TF card upgrade interface engineering
Bottom box	Embedded desktop installation, opening 102*102
Operating voltage	5 ~ 30V voltage adaptive
Power consumption	2.6W
Operating temperature	-10 ~ +45°C
Operating humidity	10% ~ 90%RH, no condensation
Storage temperature	-10 ~ +45°C
Storage humidity	10% ~ 90%RH, no condensation
Dimensions (LxWxH)	184mm x118mm x23mm
Weight	0.357kg