



Description

It is a wall-mounted multimedia IoT teaching terminal integrating functional modules such as touch display, audiovisual matrix, IoT central control, amplifier and network decoding. Characterized by high equipment integration, strong extendability and powerful functions, it is suitable for conventional classrooms, multimedia classrooms, lecture halls, etc.

Feature

- * Built-in 15.6-inch capacitive touch screen, 10-point touch design, resolution 1920x1080, aspect ratio 16:9.
- * High equipment integration, diversified functions, built-in audio control, video matrix, IoT central control, amplifier and network decoding and other modules.
- * With a built-in matrix switching module, it supports 3 HMDI inputs, 1 wireless projection input, and 2 HDMI outputs, and can realize synchronous audio and video output.
- * With a built-in volume control module, it supports 1 Line input, 1 MIC input, and 1 Line output, and can independently manage the volume of the device.
- * With built-in 2*20W digital amplifier modules and 2 amplifier output interfaces, it can be directly connected to constant-resistance speakers to meet local sound reinforcement needs.
- * With a built-in network broadcast decoding module, it can be used as a digital broadcast decoding terminal, and the extension management controller or broadcast controller can realize functions such as audio broadcast, BGM playback, and scheduled task playback.
- * With a built-in video decoding module, the extension management controller realizes the video file or video stream push function, and supports various push methods such as timed push and zonal push.
- * With 1 programmable power control interface, it supports delayed power-off function, and the length of the delay time can be customized to ensure that the device is automatically shut down and then powered off, which can effectively protect the device.
- * With 1 motorized curtain control interface, it supports control of motorized curtain up/down/stop function. Using the European standard design, it prevents users from connecting other electrical devices to this interface, thereby avoiding damage to the device.
- * With 1 IR learning port and 2 independent programmable IR sending ports, it can control IR remote control devices such as cameras, TVs, projectors and air conditioners.
- * With 2 weak relay control interfaces, it can trigger and control power supply sequencer, electric control lock and other devices.
- * With 1 RS-232 two-way communication interface, it can control projectors, signal switchers, power controllers, dimmers, cameras and other third-party devices.
- * With 1 RS-485 control interface, it supports independent programming and access to temperature and humidity, current detection, PM2.5 detection and other sensors. The extension management controller realizes real-time monitoring of the classroom environment, and performs linkage control based on the monitoring data to automatically adjust the classroom to a comfortable learning environment.
- * With 2 I/O interfaces, it can realize computer remote on/off control; it can be connected to switch sensor equipment such as biological perception/disconnection alarm, and can realize functions such as door magnetic status feedback.
- * With 1 built-in card reader. The extension management controller implements the IC card attendance management function, supports the definition of card swiping mode, and automatically links the class mode/self-study mode when swiping the card.
- * With a built-in audio intercom module, the expansion management controller realizes the one-key help intercom function, and teachers and students can communicate by voice through the terminal and the school help center.
- * Support the control and management of 8 terminals: teacher web terminal, admin web terminal, Android APP, IOS APP, control panel, H5, WeChat applet, and DingTalk applet, characterized by multi-channel access to users, unified and convenient operation, and real-time synchronization of status. The extension management controller is required.
- * Support multiple setting strategies of the classroom control panel, and control the terminal by swiping the card and the control panel keys to avoid unrelated personnel operations. The extension management controller is required.



Cloud Controlled Classroom Terminal

TS-9260

- * Support one-key reset function, support one-key reset to factory state.
- * Support the floating ball display function, you can view the ongoing audio broadcasting, video broadcasting and educational announcement and other tasks through the floating ball.
- * Support screen management function, set screen saver or screen off, display weather forecast, classroom environment information, and card swiping area and other components; screen saver time, screen dimming time and screen off time can be set to meet the personalized screen display needs of different users.
- * Support terminal lock screen setting function; it can be unlocked by account password, QR code, swiping card and other methods.
- * Integrated wireless screen projection module, support multiple projection protocols such as DLNA, Miracast, AirPlay, etc. Android mobile terminal and IOS mobile terminal can realize wireless screen projection function.
- * The whole system is characterized by flexible scalability and powerful network control functions. Through the network, it can be extended to access serial port IR control modules, I/O modules, relay modules, lighting control modules, etc., so as to realize classroom IoT control, environmental perception and "Internet +" deep fusion. The extension management controller is required.

Specification

Model	TS-9260
Touch screen	15.6-inch capacitive touch screen, 10-point touch
Screen resolution	3840×2160P30, 1920×1080P60
Aspect ratio	16:9
Network interface	Standard RJ45*4
Internet speed	1000Mbps
Video input interface	3*HDMI, HDMI1.4 standard
Video output interface	2*HDMI, HDMI1.4 standard
HDCP protocol	Support
Audio input	1 set of Line in, 1*MIC, network broadcast decoding module, 3*HDMI
Audio output	1 set of Line out
Amplifier output	2*20W, constant resistance 8Ω
LINE IN frequency response	80Hz-16kHz (±0.5db)
MIC IN frequency response	200Hz-10kHz (±0.5db)
LINE IN sensitivity	775±40mV
MIC IN sensitivity	10±1mV
LINE OUT harmonic distortion	<0.1%
SPK OUT harmonic distortion	<1%
SNR	>72dB (A)
USB port	1 USB 2.0 Type-C
RS-232 port	1
RS-485 port	1
I/O port	2
IR sending port	2
Weak relay port	2
Power output	1, ~220V 50Hz (400W MAX)
Motorized curtain control interface	1, ~220V 50Hz (100W)
Built-in card reader	1
Built-in speaker	2*1.5W
Total power consumption	60W (MAX)
Working temperature	-10°C~+45°C
Relative humidity	20%~80%, no condensation
Dimension (W×H×D)	294.7×377.4×59mm
Weight	4.3kg