Description

TS-9100F is a comprehensive multi-functional education controller, integrated with audio and video matrix, power, serial port, network and other modules, using desktop embedded design. With touch bottons, you can easily switch audio and video signals and control the classroom multimedia equipment, such as projector, projection screen and computer. Equipped with a powerful software platform management functions, it can simultaneously control 250 sets, management like test system state and maintenance like updating system program. It make management more simple, faster and more reliable.

Features

* Embedded installation design, the panel with capacitive touch buttons, it's durable, waterproof and dustproof.
* Support 3 input 2 output of the VGA matrix switching system, support 2 input 1 output VIDEO matrix switching system, support 3 input 1 output audio matrix switching system.
* 1 micropone input / output, with 32 digital volume adjustment.
* 1 infrared learning function, learn a variety of brand projector code, to achieve manual / automatic control of the projector.
* 1 programmable RS-232 control function, manual / automatic control of a variety of brand projector.
* 1 network interface to achieve remote software platform through the network control classroom multimedia equipment, support manual / automatic control, support multiple batch synchronization control, support the state of visual display, support remote recording projector lamp use time.
* 2 power interface for power supply projector and projection screen, a one-click screen up and down. With power protection, automatic delay projector power protector, the projector lamp to detect the work of the situation, and automatic delay power.
* 1 independent computer switch button, a key computer on/ off.
* 2 I/O interface, can be connected to IC card and electronic lock, door status detection, or forced output.mbed desktop, can also install on the wall.

Specifications

Model	TS-9100F
Hardware Configuration	Performance Parameters
VGA	Input / input channel: 3X2
	Impedance: 75Ω
	Channel support: 300Mz
AV Video	Video input / input channel: 2X1
	Impedance / Bandwidth: 75Ω/200Mz
Audio	Audio input / output channels (stereo): 3×1
	Audio bandwidth: 80Hz-16KHz
	1 independent MIC input and output
	Audio bandwidth: 200HZ-10KHZ
	Distortion: <0.1%
	High and low digital balance range: ±3db
	Audio input impedance: 10KΩ
Microphone Channel	Microphone input channel: 1 channel
Computer Control Port	1 channel RS232 input control interface
Control Computer Function	1 channel to control the control interface, can achieve computer switch on the control panel
Serial Interface	Programmable RS-232 output port: 1
Infrared Simulation	Infrared output: 1 channel
	38KHz Infrared carrier range: 38KHz
Programming IO Interface	2 channel
Data Function	With data download and save function
Power Management Section	220VAC 6.3 A Main power input: 220VAC 6.3 A
	Accessable electric screen: 1 group (max: 220V / 2.5A)
	Number of controlled power groups: 1 group (single max: 220V / 2.5A)
Optional Network Function	Optional network interface, enabling remote control of all the equipment in the classroom, and intuitive feedback
	Display status
Installation Opening Size	197×117mm
Machine Size	205×125×138mm