



Network Central Controller TS-9100TC

Embedded software: Network central control system logic processing software V2.15



Description

It is a 10.1-inch capacitive network central controller developed based on the Android system. Used with a network extension box, the integrated touch central control can realize distributed control, meeting the on-site installation scenarios and user needs.

Feature

- * Using the integrated design of touch operation and central control, a 10.1-inch capacitive touch panel, and embedded logic processing software of the central control system, used with the network extension box, it can realize distributed control.
- * Support UDP, TCP and other protocols, strong compatibility, and connecting to third-party equipment.
- * Support intelligent hardware such as wired touch panel, Android mobile terminal and IOS mobile terminal to send network control commands to the controller through network cable or WIFI.
- * Support audio management. The central controller can realize volume control and scene calling of the sound reinforcement system by connecting with an audio processor, an audio control module, or a third-party device that supports the host protocol.
- * Support video management. The central controller can realize camera control, video signal switching and scene calling by connecting with the matrix system, PTZ camera or third-party video equipment that supports the host protocol.
- * Support power management. The central controller can control the power supply of electric curtains, air conditioners, projectors, projection screens, TVs, LED displays and other equipment by connecting with power sequencers, power controllers or third-party devices that support host protocols.
- * Support light management. The central controller can control incandescent lamps, LEDs and other devices by connecting with lighting controllers, power controllers or third-party devices that support the host protocol.
- * Support scene calling. The central controller can configure multiple preset scene modes such as conference mode, movie mode, and unmanned mode. The control terminal only needs one-key operation to complete the linkage start or switch of all devices in the scene, avoiding cumbersome operation steps.
- * Support cascading and mutual control. The central controller can be cascaded through the network to achieve the effects of interconnection, mutual control, and linkage switching. Just one control terminal can operate multiple central controllers.
- * Support status feedback. The operator can check the on/off status of the device on the control terminal clearly, which greatly reduces the workload of the operator and makes the use more humanized.
- * Support voice control. The central controller can be equipped with voice control software or a third-party voice box that supports docking with the controller. By converting voice into central control commands, it can realize the control of peripheral equipment or scene calls.
- * Support connecting with the cloud conference system. When users reserve a meeting room through the mobile APP or WEB, they can set the scene mode and start/end time. Before the meeting, the system will automatically call the scene, and all devices in the scene will be activated or switched; after the meeting, all devices will automatically shut down, which greatly facilitates the use of users and is more environmentally friendly.



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Specification

Model	TS-9100TC
CPU	RK3568, Quad Core 64-bit, Cortex-A55, 2.0G
RAM	LPDDR-2G
ROM	Built-in EMMC-16G (Extendable TF card)
Operating system	Android 11.0
Display screen	HD IPS screen
Resolution	1280*800
Viewable area	217(H)×135.6mm(V)
Contrast ratio	1300
Brightness	280cd/m2
Aspect ratio	16:10
Touch screen	10.1 inch capacitive touch screen
Light bar	IO port protocol, external three-color LED light bar (red, green, blue)
Speaker	8Ω 1W×2
Camera	Front 200W
Communication interface	1 1000M adaptive Ethernet port
Rear interfaces	Support network port and 485 serial port output, suitable for embedded installation
Side control interface	TTL to 485 serial port
Other interface	2 external USB 3.0 ports (one of them is USB_OTG)
POE	Support, IEEE802.3at/af
Power supply	Support POE/DC12V power supply
Total power consumption	≤14W
Standby power consumption	≤1W
Working temperature	-5°C~45°C (the working temperature of the screen is 0°C-40°C)
Color	Silver white
Weight	1.15kg
Dimension (L×W×D)	253×163×27mm