



Description

The medical controller is installed at the operating room nurse station, supporting active calls and real-time reception of call requests from operating room extensions, instrument rooms, blood banks and other collaborative rooms, enabling timely communication between medical staff. It can display patient information in the operating room and has shout broadcast and audio broadcast functions for emergency notifications or information transmission.

Features

- *Supports detailed card view of surgical extensions and collaborative extensions in the ward list. The surgical extension card clearly shows the current status of the operating room, covering key information such as the name of the operation, the status of the operation, the surgeon, the anesthesiologist, the instrument nurse, and the circulating nurse. It supports easily calling the operating room extension for intercom by clicking on the card, and further viewing the scheduling details of the operating room .
- *It supports MP3 file audio broadcasting and shouting broadcasting functions, supports selecting the local device to participate in the broadcast, supports minimizing the display of the broadcast pop-up window , users can freely select the broadcast area and content, and supports adding custom broadcast content.
- *In an emergency, you can send a help signal to the security room or duty room with one click to ensure a quick response in an emergency. It also supports custom binding of alarm help extensions.
- *It supports viewing real-time surgical scheduling information created in the management background, and provides keyword search, date filtering and status filtering functions to achieve efficient data retrieval and management.
- *It supports viewing the records generated between the medical controller and other extensions, and provides the function of filtering by date, caller, processing method and other conditions. Missed calls will remind users through red dot messages.
- *It supports counting the total number of surgical extensions and collaborative extensions in the ward, the number of used extensions, and the number of idle extensions. It supports quick search and filtering by entering names or selecting device status. It supports initiating calls to surgical extensions and collaborative extensions.
- *When the surgical status of the operating room extension changes, the system will display reminder information on the medical controller through real-time data synchronization to ensure that medical staff can understand the changes in surgical status in a timely manner .
- *It supports receiving calls from the ward access control machine and realizing one-way video intercom function, and supports remote control of ward access control door opening; it supports viewing the visitor entry and exit records of the access control device, and supports filtering by date, door opening method and other conditions.
- *It supports detecting the online status of extensions and prompting the offline information of extensions on the local machine to quickly locate the faulty equipment.



Medical controller TH-3115SZ

Embedded software: Information interaction controller management software V2.138

- *It supports two offline status display modes: server offline and controller device offline . It supports synchronizing server time, adjusting ringtone volume, setting device brightness, and restoring to factory settings.
- *Equipped with a high-performance quad-core processor, it provides excellent computing power and processing speed, ensuring that the device runs smoothly and responds quickly, providing users with a seamless interactive experience and efficient task processing capabilities .
- *Equipped with a precise multi-touch display, users can operate and control by touching the screen, providing a more intuitive and convenient way of interaction.
- *Equipped with a 15.6-inch high-resolution display, it presents delicate images and clear text, providing a richer visual experience and a more comfortable reading environment.
- *Equipped with a 5MP high-definition camera to ensure clear and detailed visual effects during video intercom and recording.
- *Built-in dual microphones improve audio quality and ensure clear and accurate voice conversations during calls .

Specification

Processor	Quad-core 2.0GHz
RAM	2GB
Memory	16 GB
Operating system	Android 11
Touchscreen	10-point capacitive touch
LCD screen	15.6 inches
Resolution	1920×1080
Viewing angle	85/85/85/85°
Display mode	Often Black
Contrast	800
Brightness	250cdm2
Screen ratio	16:9
Ethernet	100Mbps/1000Mbps
Type-c	USB OTG function
Network port	RJ45 Ethernet port
Voice control port	6P-2.0mm socket (connect to external handheld microphone)
USB	USBcontroller2.0
Serial port	8P-2.0mm socket (TTL level)
Headphone socket	8P-2.0mm socket (TTL level)
Video format	MPEG-1,MPEG-2,MPEG-4,H.265,H.264,VC-1,VP8,VP9,etc.,support up to 4K video
Audio format	MP3/WMA/AACetc
Image format	Jpeg/png
Wall-mount	100×100mm standard wall-mount VESA hole
Speaker	2×3W
Camera	5MP
Built-in microphone	Standard dual microphones
Operating temperature range	0°C~40°C
Power supply	Support DC12V/1.5A and POE power supply
Rated power	≤ 24W
Size	399.39×28.9×263.54mm
Weight	1.53kg