Description

The ward extension uses a capacitive touch screen and Android system. It is installed at the door of the ward and is used to display the basic information of the patients in the ward, the bed usage of the ward, receive all call reminders in the ward, receive notification messages, and call the nurse station through the ward extension .

Features

*It supports displaying ward bed previews, and can display basic information such as current date and time, room number, bed number, patient name, etc.
*It supports displaying the name of the responsible nurse and the responsible doctor of the room, and can also view the photo of the responsible nurse and the responsible doctor of the room.
*It supports displaying bed call information in the room. When the extension calls, the incoming call status and patient information will be displayed synchronously on the ward door machine and the nursing screen of the nurse station, and "XX bed calling" will be displayed.
*It adopts a wall-mounted structure design, has a "call" operation button, supports two-way intercom with the medical host, and supports host calling and calling release.
*It has 1 audio interface, adopts voice adaptive echo cancellation AEC algorithm, noise suppression ANS algorithm, sound source far and near end analysis and processing APM algorithm and other technologies to achieve high-quality intercom, clear and loud voice, and bring a more comfortable and stable call experience.
*It has 2 485 interfaces for connecting other interactive devices, such as alarm door lights.
*It supports displaying call and alarm information reminders for all wards in the ward.
*It supports loop playback and pop-up window display of ward slogans and emergency notices issued by the background management system, and supports ward audio broadcasting and shouting broadcasting.
*It supports fire evacuation guidance arrow pop-up window display, and can dynamically adjust the emergency evacuation green channel guidance in response to emergencies.

Specification

System version	Android 11
System version	Quad cores, 1.3 Ghz
Running memory	2G
Storage memory	8GB
Screen size	10.1 inches
Resolution	1280×800
Touchscreen	Fully fitted capacitive touch
Network interface	Standard RJ45 ×2
RS485 interface	Standard RJ45 ×2
GPI/O Interface	GPIO interface × 10

Transfer rate	Standard RJ45 ×2
Transfer rate	Call button
Microphone	Built-in microphone for sound pickup
Speaker	4Ω × 2W
485 interface	Used for external alarm door lights, providing communication and power supply
GPI/O interface	Function extension interface
Supported agreement	DHCP, TCP, UDP, ICMP, IGMP, ARP and other standard network protocols
Operating temperature	-10℃~+45℃
Operating humidity	20%～80% relative humidity, no condensation
Installation	Wall-mounted
Operating voltage	DC12V/1A
Maximum power consumption of the whole machine	≤4W
Dimensions (W×D×H)	156.75×25×286.35mm
Net weight	765g