Bed extension TH-3107BCV

Embedded software: Bed nursing Android terminal software V2.098

Description

The bed extension is equipped with a capacitive touch screen, Android system, and a handheld call handle. It is installed on the equipment belt above the bed. It can view patient name, diagnosis, nursing label card and other information, receive notification messages, and patients can call the nurse station through it.

Features

*It adopts an embedded structure design and is equipped with a capacitive touch interactive display. Both the screen and the bedside handle have physical call buttons, including reinforcement, call, and medication change physical call buttons. You can call the nurse station host or reinforcement alarm with one click.

*Equipped with a $5MP$ camera, it can realize two-way visual full-duplex intercom with the medical host at the nurse station, and supports calling the host and releasing the call.

*It supports obtaining HIS data information, and displays the patient's name, gender, age, hospital number, admission time, admission diagnosis, nursing level, nursing label, dietary information, allergy information, bedside doctor, bedside nurse, warm reminders and other related information. The display interface can be flexibly configured to meet the requirements of different periods or departments of the hospital.

*A single page displays 9 care label contents, supports sliding to view more care labels, and can customize the care label name and care label color in the background.

*Supports touch-based query of patient test and examination information, daily list expense information, doctor's order information, vital signs of medical staff on duty, and other information.

*It supports nursing positioning function. The nurse can press "Arrival Nursing" on the bed extension to enter the nursing mode. The door light at the ward door will be always green. The corresponding nursing status will be displayed on the ward door machine, corridor display screen, and medical host. Pressing "Complete Nursing" can release the nursing task, and there will be a nursing countdown display.

*It supports automatic adjustment of the LCD screen brightness according to the preset night mode, supports one-click screen off. When the patient wants to rest, he can actively turn off the screen. It supports entering energy-saving mode without operation, can customize the length of time without operation, and automatically switches to the preset screen brightness after the set time is reached.

*It adopts technologies such as voice adaptive echo cancellation AEC algorithm, noise suppression ANS algorithm, sound source far and near end analysis and processing APM algorithm to achieve high-quality intercom, clear and loud voice, and bring a more comfortable and stable call experience.

*It supports displaying evacuation instructions when the background issues fire evacuation instructions, supports broadcasting and shouting issued by the host, and can display broadcasting and shouting information in pop-up windows.

*Supports external emergency button to realize restroom call alarm, and supports adjusting the ringing or call volume through bed extension settings.

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Specification

System version	Android 13
Processor	4 cores, 2.0 Ghz
Running memory	2GB
Storage memory	8GB
Screen size	7 inches
Display area	150.72 ×94.2mm
Resolution	1280×800
Touchscreen	Fully fitted capacitive touch
Network interface	Standard RJ45×2 (LAN1 interface supports standard POE power supply)
RS485 interface	485 interface × 2
GPI/O interface	GPIO interface × 10
Transfer rate	10M/100Mbps
Device button	Reinforcement button
Handle button	Call button, LED button, dressing change button
LED lighting	White LED lighting on the side of the handle
Microphone	Handle microphone pickup
Speaker	4Ω × 2W
Camera	5 megapixels
485 interface	Used for external emergency button, 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	Embedded
Power supply mode	POE or DC12V/1A
Maximum power consumption of the whole machine	6 W
Dimensions (W×D×H)	202.88×28×111.87mm
Net weight	458g