



Bed extension TH-3107BCZ

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 use it to call the nurse station.

Features

- *The embedded structure design conforms to the modern design concept and is very beautiful.
- *It has doctor-patient operation buttons such as "reinforcement", "call", and "dressing change", which are simple and easy to operate.
- *Supports two-way intercom with the medical host, and supports host calling and releasing calls.
- *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, medical host machine and medical auxiliary machine. Pressing "Complete Nursing" can release the nursing task, and there will be a nursing countdown display.
- *Supports sending alarms to the medical host at the nurse station to request reinforcement.
- *Displays the data synchronized with the HIS system, the names of the responsible doctors and nurses, and can display the patient's name, gender, age, hospital number, admission time, admission diagnosis, nursing level, nursing label, dietary information, allergy information, attending doctor, responsible 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.
- *Patients can check their own test information, daily expense list, doctor's orders, vital signs of on-duty medical staff, etc. by touching the bed extension.
- *The bed extension can automatically adjust the brightness of the LCD screen according to different time periods of the day.
- *Supports extended access to infusion alarm devices to realize infusion alarm function.
- *The ringing or talking volume can be adjusted by operating the bed extension settings.
- *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.
- *Supports display of 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.



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Specification

System version	Android 11
Processor	Quad cores, 1.3 Ghz
Running memory	2GB
Storage memory	8GB
Screen size	7 inches
Resolution	1280×800
Touchscreen	Fully fitted capacitive touch
Network interface	Standard Rj45×2
RS485 interface	485 interface × 2
GPI/O interface	GPI/O 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
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°C~+45°C
Operating humidity	20%~80% relative humidity, no condensation
Installation	Embedded
Operating voltage	DC12V/1A
Maximum power consumption of the whole machine	≤ 6 W
Dimensions (L×W×T)	202×111×28mm
Net weight	458g