LED-B10FS Bedside Terminal

Installation Manual

Version: V1.0

Version Description:

Version	Revised Notes	Reviser	Date
V1.0	first draft	Guo Shuai	2024.01.30

Table of Contents

1 Overview

LED-B10FS Bedside Terminal is a product designed for telemedicine and smart ward call systems.

As a networked LCD all-in-one device, this product includes a casing, terminal control mainboard, and mounting board. It is used for nurse calling, information transmission and display, and also supports multimedia broadcasting and video-on-demand services.

2 Specifications and features

Product features: appearance, stability, high definition, practicality, maintenance and scalability, etc.

2.1 Product Specifications Sheet

1	Basic Parameters	Material: Plastic Structure/Tempered Glass	
2		Installation: Wall Mounting	
3		Color: White	
4	Motherboard Parameters	CPU: A55, 4 Cores	
5		Gpu: G52	
6		Memory: 1G	
7		External Storage: 8G	
8		System: Android 12	
9	Screen Parameters	Size: 10.36 Inches	
10		Screen Ratio : 20:9	
11		Resolution: 1600×720	
12		Brightness: 350cd/M²	
13		Uniformity: >80%	
14		Viewing Angle: U/D/R/L(CR＞10): 80/80/80/80	

15		Screen Life: 20000 Hrs	
16	I/O Interface	6pin 1.25 Call Handle Connection Interface With Lock	
17		7pin 1.25 Expansion Interface With Lock	
18		4pin 1.25 USB Interface	
19		5pin 1.25 Debugging Serial Port	
20		Power Interface: 5pin 1.25, With Lock, DC 12V	
Twenty One		Network Interface: 4pin 1.25, With Lock, 100M LAN	
Twenty Two		Reset Button: Hidden Machine Reset Button	
Twenty Three	Supported Formats	Audio Format: MP3/WMA/AAC	
Twenty Four		HD Video Format: RMVB/AVI/MPG/MKV/VOB/MP4	
25		Image Format: JPEG/BMP/PNG	
26	Power	Rated Power: ≤6.5W	
27		Standby Power: ≤1W	
28		Working Voltage: DC12V/2A	
29	Peripheral Parameters	Bare Metal Size: 276×130×15mm	
30		Net Weight Of The Whole Machine: 0.85KG	
31		Packing Instructions: Bubble Bag + Carton	
32	Overall Performance	Microphone: 1	
34		Sound Output: 8 Ohms 1 Watt	
35		WIFI/Bluetooth, NFC Card Reader, Camera: 200W	Optional
36		Power Supply Method: Non-Standard POE (12-24V) DC Power Supply 12V Standard POE(48-54V)	Optional

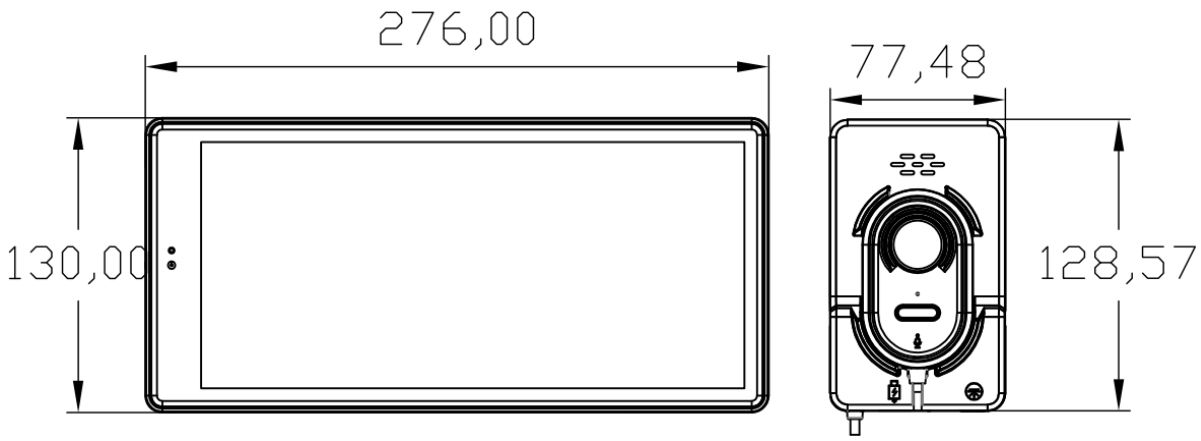
37	Touchscreen	Capacitive 10-Point Touch Screen, Using Industrial-Grade Touch Chip	
38	Other	Anti-Static: Contact ⩾4KV, Non-Contact ⩾ 8KV	
39		Heat Dissipation Method: Aluminum Profile Heat Sink Passive Heat Dissipation	

2.2 Main Purposes and Scope of Use

Telemedicine, smart ward

2.3 Product View

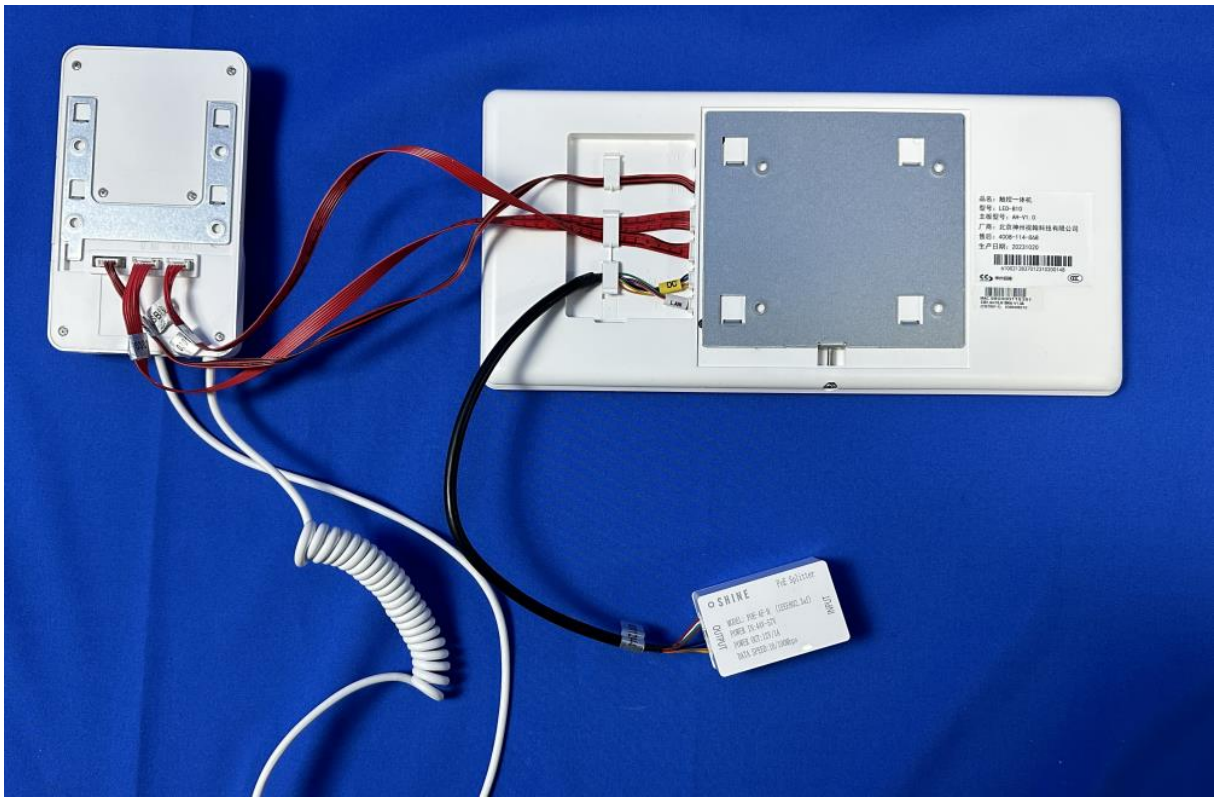
2.4 Product Dimensions (mm)



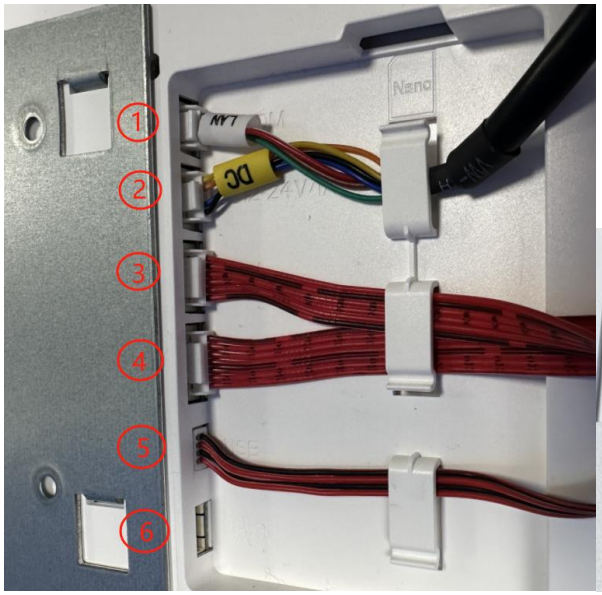
2.5 Product Interface Description

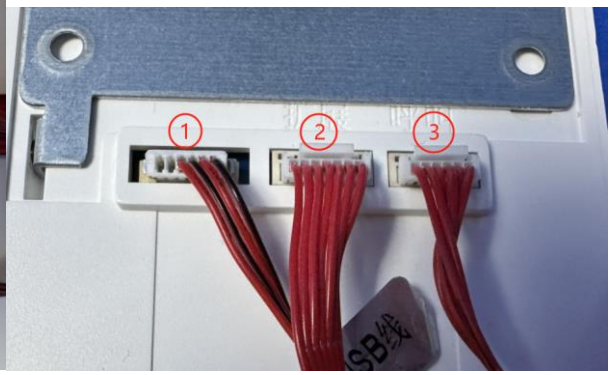
Front view

1 Camera and light sensitive area
2 NFC swipe area
3 Hidden reset button
4 Call button
5 Handle nightlight button
6 Microphone
7 USB charging port
8 Nightlight



Rear View





Interfaces on Terminal

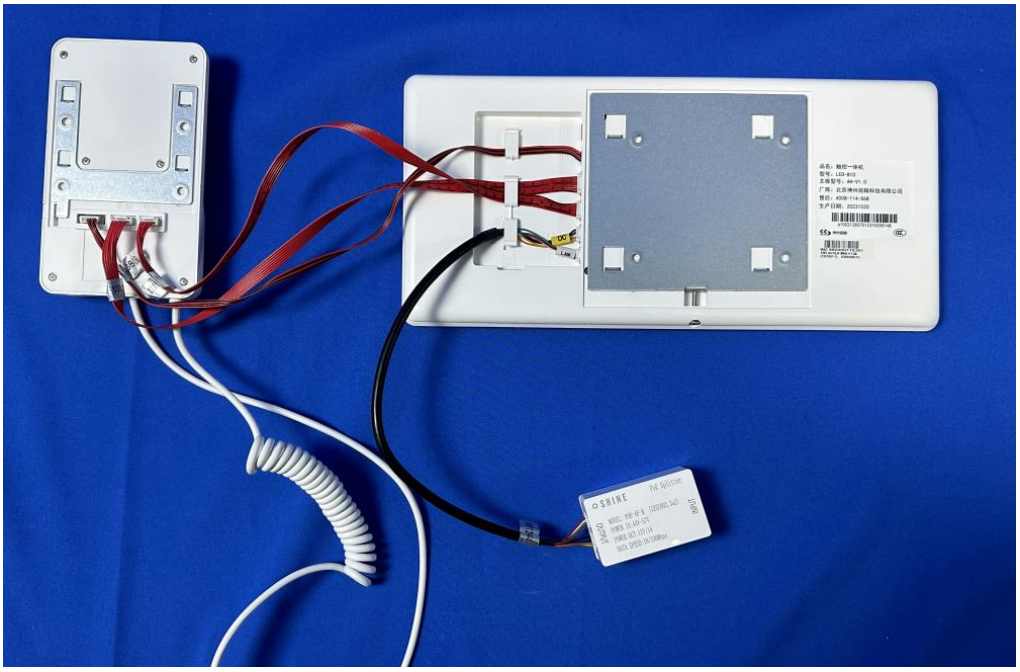
Interfaces on Call Button

1 Network data input interface, 4pin 1.25 pitch connector
2 Power input interface (12V-24V), 5pin 1.25 pitch connector
3 Playpad connection interface, 6pin 1.25 pitch connector
4 Expansion interface, 7pin 1.25 pitch connector

1 USB interface, 6pin 1.25 pitch connector
2 Expansion interface, 7pin 1.25 pitch connector
3 Call button interface, 6pin 1.25 pitch connector

3. Description of power supply and network methods

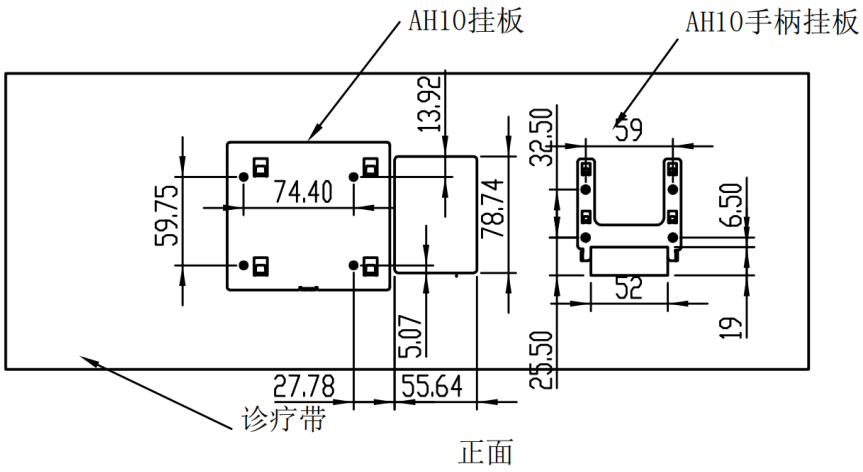
- POE power supply, the POE switch outputs 48V to the POE splitter, and the POE splitter reduces the voltage to 12V and outputs the powered product;
- Power over Ethernet - Ethernet power supply technology refers to the transmission of data signals for some IP- based terminal equipment without any changes to the existing Ethernet Cat.5 cabling and infrastructure. Technology that provides DC power supply to such equipment. POE technology can ensure the security of existing structured cabling while ensuring the normal operation of existing networks and minimizing costs.
- Power over Ethernet (PoE) is a power distribution technology that transmits power and data over twisted pairs to any device connected to an Ethernet network;



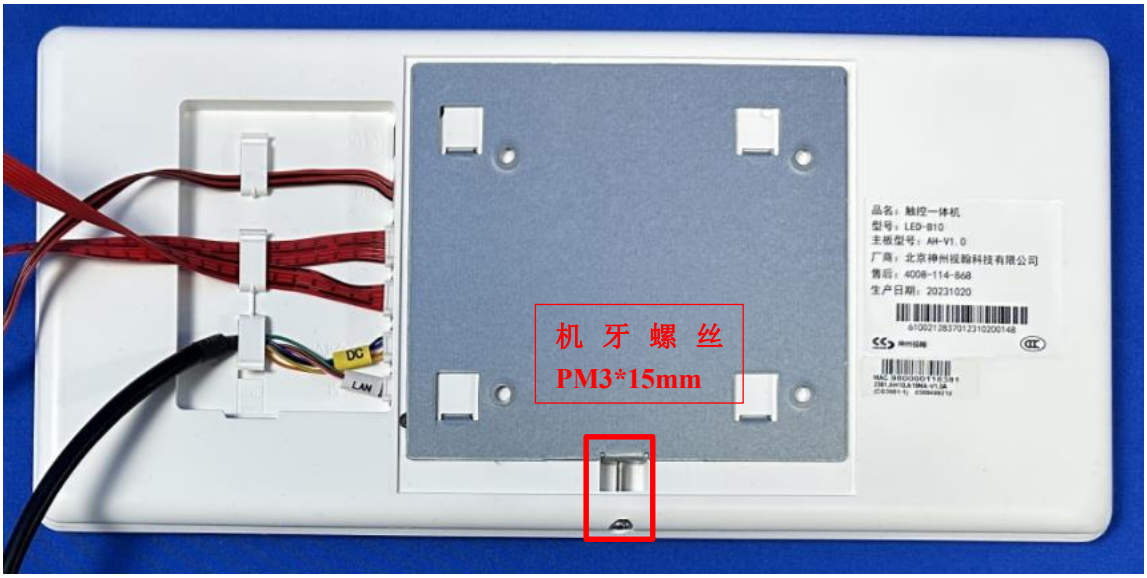
Note: When setting up a static IP network, DNS cannot be 0 or blank. An IP address must be filled in, otherwise the save will fail.

4. Installation Instructions

- Hanging board size chart (mm)
- Drill tail screws for locking plate (**PA3*12mm)*8pcs**



- Anti-theft screw installation diagram
- Anti-theft screws (**PM3*15mm)*1pcs**



5. Product Cleaning Instructions

Cleaning products: Use a soft, lint-free cloth or cotton lint-free cloth cleaning tool. Do not squeeze the display too hard when cleaning, it is recommended to wipe from one side of the display to the other until it is completely clean.

Caution: Do not use rough cloths or abrasive paper for wiping. Do not use cleaners containing chemical components, and never spray liquid directly into the product's ventilation holes to avoid damaging the product through electrical short-circuiting!

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a

particular installation. If this equipment does cause harmful interference to radio or

television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure com