

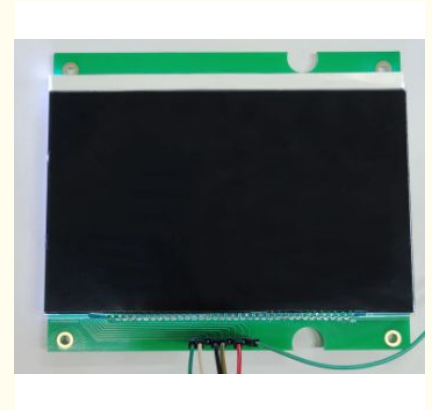


## 130(W)\*80(H) mm VA LCD Module with 1/4 Duty 1/3 Bias and COB+PIN 35 Numbers for Electroacupuncture Device

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO90001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-47WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



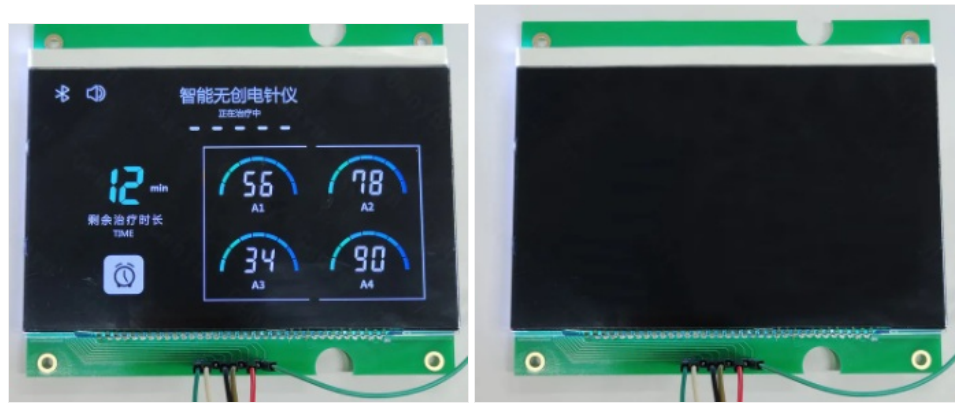
### Product Specification

- Va Size: 130(W)\* 80(H) Mm
- Drive Method: 1/4 Duty, 1/3 Bias
- Backlight Type: LED
- Connectivity: COB+PIN, 35 Numbers
- Active Area: 36.72(H)\* 48.96(V) Mm
- Backlight Technology: LED
- Light Source: White LED
- Display Type: VA, Negative
- Highlight: **130(W)\*80(H) mm VA LCD Module, 1/4 Duty 1/3 Bias VA LCD Display, COB+PIN 35 Numbers VA LCM**



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### 4.8V VA LCD Module LCM Black Color Segments For Electroacupuncture Device



A VA LCD (Vertical Alignment Liquid Crystal Display) is a type of LCD technology where liquid crystals are naturally aligned vertically to the glass substrate when no voltage is applied. This alignment blocks light from passing through, creating deep black levels. When a voltage is applied, the crystals tilt, allowing light to pass through and create the desired image.

VA LCDs are known for their excellent contrast ratios, better color reproduction, and improved viewing angles compared to older LCD technologies like TN (Twisted Nematic).

#### Technical Specifications

LCD Type	VA, Negative
Viewing Angle	6 O'clock
Operating Temperature	0~+50
Voltage	4.8V
Backlight	White

#### Detailed Parameters

Outline Dimension	133(W)* 114.3(H)* 7.7(T) mm	Display mode	VA, Negative
LCD viewing area	130(W)* 80(H) mm	Polarizer type	Transmissive
Driver IC	HT1621	LED backlight	White
Drive method	1/4 Duty, 1/3 Bias	Working voltage	5.0V
Viewing angle	6 O'clock	Connection Way	COB+PIN, 35 numbers
Operate temperature	0 ~+50	Storage temperature	-10~+60

#### Key Features

**High contrast:** The background color is extremely dark like ink, with very high black-white contrast ratio for clear, eye-catching display

**Negative display mode:** Black background with white characters provides excellent visibility in various lighting conditions

**Wide operating range:** Works from 2.7V to 5.0V (4.8V nominal) and -20 to 70 temperature range

**Multiple connection options:** Supports metal pin feet, conductive rubber strips, heat-pressed zebra paper, and FPC connections

**Stable performance:** Resistant to external interference with long-term reliability for medical applications

#### Structure and Components

The module consists of liquid crystal panels, driving ICs (HT1621), backlight modules (white LED), and connectors. The driving IC controls liquid crystal molecule arrangement for image display, while the backlight ensures visibility in dim environments.

#### Medical Applications

This VA LCD module is ideal for electroacupuncture devices, displaying treatment parameters, working status, and operation prompts. Its high contrast and stable performance help medical staff and patients accurately monitor device operation.



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