



## VA LCD Display Screen with 5V Voltage White Backlight and 28-PIN Connector for Industrial and Medical Applications

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Model Number: BBI-001
- Minimum Order Quantity: 1000
- Price: 0.78-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 300000/MONTH



### Product Specification

- Name: VA LCD Display
- Display Mode: VA, Negative
- Background: Black Color
- Display Type: VA LCD
- Operating Temp.: -10~+60
- Driving Method: 1 / 4 Duty , 1 / 3 Bias
- Connectors: PIN, 28 Numbers
- Highlight: **VA Black LCD Display, Black LCD Display Screen, 5V LCD Display PIN Connect**



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## Product Description

### VA Black LCD Display Screen 5V LCD Display PIN Connect With White Backlight

High-quality VA black LCD display screen operating at 5V with PIN connection and white LED backlight. Ideal for various industrial and commercial applications requiring clear, reliable digital displays.

### Design and Customization Options

- Segment Shapes:** Standard designs (7-segment, 14-segment) or custom layouts with icons and graphics
- Background Colors:** Light backgrounds including white, grey, or custom shades
- Size and Resolution:** Custom dimensions and resolution to fit your device requirements
- Interface Options:** Compatible with common driver ICs and interfaces (I<sup>2</sup>C, SPI, parallel)
- Backlighting:** Integrated LED backlighting for low-light environments
- Temperature Tolerance:** Standard (-20°C to 70°C) or extended (-30°C to 85°C) operating ranges

### Technical Specifications

|                              |                           |
|------------------------------|---------------------------|
| <b>Model Description</b>     | Black LCD Display Screen  |
| <b>LCD Type</b>              | Segmented Display         |
| <b>Module Size</b>           | 74(W) × 32(H) × 2.8(T) mm |
| <b>Display Mode</b>          | VA, Negative              |
| <b>LCD Viewing Area</b>      | 71(W) × 25(H) mm          |
| <b>Operating Temperature</b> | -10°C to +60°C            |
| <b>LED Backlight</b>         | White                     |
| <b>Drive Method</b>          | 1/4 Duty, 1/3 Bias        |
| <b>Working Voltage</b>       | 5.0V                      |
| <b>Viewing Angle</b>         | 12 O'clock                |
| <b>Connection Method</b>     | PIN, 28 numbers           |

### Typical Applications

#### Industrial and Measuring Instruments

Parameter display for automation control equipment, digital multimeters, oscilloscopes, pressure/temperature detectors, UPS power panels. High contrast and wide viewing angle ensure quick data reading in complex factory lighting environments.

#### Medical Health Equipment

Electronic blood pressure monitors, blood glucose meters, blood oxygen monitors, thermometers. Clear black-on-white display for easy data reading, with 5V low power consumption suitable for portable battery-powered devices.

#### Smart Home and Household Appliances

Operation panels for microwave ovens, coffee machines, air conditioners, audio systems, vacuum cleaners. White backlight enhances user experience and meets viewing angle requirements for different installation positions.

#### Vehicle Electronics

Car dashboards, in-car audio systems, tire pressure monitors. Wide viewing angle suitable for different seat positions, with high contrast ensuring clear display of driving data in strong light conditions.

#### Consumer Electronics and Embedded Devices

Electronic scales, power banks, routers, smart sockets. 5V power supply and direct PIN connection suitable for embedded solutions, providing basic information display while balancing cost and practicality.

### Product Images





## Packaging & Shipping

### Packaging

Carton boxes, cupboard, EPE, blister tray. Packaging method depends on product size and customer requirements, with consideration for different country regulations.



### Shipping

Express shipping via DHL, FedEx, EMS, UPS, air shipping, or sea shipping. Any preferred shipping method available.

|   |  |   |   |   |  |   |
|---|--|---|---|---|--|---|
|  |   |  |  |  |  |  |
|   | 2-7days  | 2-8days   | 2-7days   | 3-15days  | 2-5days  | 2-7days   |
| <b>Notice</b>   | <ol style="list-style-type: none"> <li>EMS for Brazil, Russia and Remote areas .</li> <li>SF for Hong Kong, Taiwan, South Korea, Japan, Thailand, Singapore and Malaysia .</li> <li>Having logo product can't be sent by FEDEX .</li> <li>The Brazil want to use FEDEX/DHL , need to offer CNPJ / CPF to us !</li> </ol> |   |   |   |  |   |

#### Payment Method



#### Frequently Asked Questions

##### I want the LCD display 8 digits and the outline size is 65x30x2.8mm. Is this possible?

Yes, we can accommodate this request. Please send us your specifications or drawing. If you don't have specifications, provide samples and we'll recommend suitable options or customize based on your requirements.

##### This LCD is what we want, but it's too large. Do you have smaller sizes? The display content also needs minor changes.

For segment type LCD modules requiring size modifications or display content changes, we need to create a new LCD glass module, which involves opening new tooling.

##### This LCD display is HTN type, but I want STN type. Can you make this?

Yes, we can change the display type according to your request.

##### I want to customize a new LCD module. Can you do this?

Yes, we offer custom LCD module services. Please send your drawing or provide specifications including outline size, display information, glass thickness, polarizer, display type, connector mode, temperature ranges, supply voltage, viewing direction, and drive conditions.

##### What is the lead time for tooling?

Typically 15 to 25 days after drawing confirmation and tooling charge payment. We'll provide exact timing upon drawing approval.

##### Can you send us samples for checking?

Yes, sample orders are available for quality verification.

##### What is the lead time for production?

For standard products in stock, lead time is one day after payment. For mass production of custom items, lead time is approximately 15-30 days. We'll notify you if we can complete earlier.

#### Our Services

- Free repair within one year after product shipment
- Replacement within 30 days after shipment for product-related issues
- Custom logo printing and model number application
- Competitive shipping rates through established partnerships
- Professional technical support and responsive after-sales service
- Comprehensive quality inspection and testing before shipment
- 24-hour response time for customer inquiries and support
- Full customization services for all types of LCD displays



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