

Custom Size VA LCD Display with Wide Temperature Range and Multiple Voltage Options

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- 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

- Polarizer Type: Transflective/Transmissive/Reflective
- Viewing Direction: 6 O'clock Or 12 O' Clock
- Backlight: With Or Without
- Operating Temp: -20 -+70
- Voltage: 2.8V,3.0V, 3.2V,3.6V,4.0V,4.5V,5.0V
- Dimensions: Customized
- Display Type: Positive Or Negative
- Productname: VA LCD Display
- Highlight: **custom size VA LCD display,
VA LCD display wide temperature range,
VA LCD multiple voltage options**



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Product Description

Black Custom Size Screen Digit VA LCD Display Custom Monochrome LCD Display

Product Details

Type:	VA LCD Display
Storage Temp:	-20~+70
Voltage:	2.8~5.0 V
Connector:	Pin Or Zebra
Driving Method:	Static/Dynamic
Polarizer Type:	Transflective/Transmissive/Reflective

Product Specifications

ITEM	CONTENT	DESCRIPTION
1	Lcd Type	TN, HTN, FSTN, VA, DFSTN ,STN Lcd Display
2	Outline Size	Customized
3	VA Size	Custom or 34*21/19mm*1.1T
4	Viewing Direction	6 O'clock or 12 O ' clock
5	Voltage	2.8V,3.0V, 3.2V,3.6V,4.0V,4.5V,5.0V
6	Display Mode	Positive or Negative
7	Backlight	With or without
8	Operation temp	0°C TO + 50°C,-10°C TO + 60°C,-20°C TO + 70°C
9	Storage temp	-10°C TO + 60°C, -20°C TO + 70°C,-30°C TO + 80°C,-35°C TO + 90°C
10	Contact	Pin, Zebra or FPC





Product Core Features

Display Technology and Visual Advantages

Utilizing VA black film technology, it presents a pure black background when not powered, and displays white numbers or single-color patterns when powered on. The contrast is much higher than that of traditional TN screens, and information can be clearly read even in strong light.

Single-color display supports custom tones such as white, yellow, and green, and digital display can achieve combinations of 9 or more digits, and can also add symbols like π and % and prompt icons to meet diverse information display needs.

Customization Capability

Size Customization: The screen size and display area can be adjusted according to the space of the equipment, ranging from a 1.2-inch mini screen of an intelligent bracelet to multi-digit combination screens for industrial instruments.

Performance and Interface Customization: The working temperature can be customized to -30°C to $+80^{\circ}\text{C}$, suitable for harsh environments such as industrial and outdoor use; the interface supports various types such as I2C, SPI, and metal pins, and the driving method can match parameters like 1/4 duty cycle and 1/3 bias.

Appearance and Function Customization: Backlight color, display viewing angle (6/12-hour viewing angle, etc.), and touch function integration can be customized to enhance the interactivity of the device.

Industrial-grade Performance

Extremely low power consumption, suitable for portable devices powered by batteries; certified by RoHS, ISO, etc., and compliant with environmental protection standards.

Using COB/COG packaging, it is small in size and highly stable, and some models can work in an ultra-wide temperature range of -30°C to $+80^{\circ}\text{C}$, with outstanding anti-interference ability.

Main Application Scenarios

Transportation and vehicle equipment: Instrument panels for electric bicycles and motorcycles, used to display digital information such as speed, mileage, and battery level; vehicle positioning devices and charging station terminals also use them to display charging power and remaining time.

Industrial and measurement instruments: Power storage equipment, multimeters, gas detectors, etc., using high-contrast black backgrounds for display, accurately presenting values and working conditions in industrial environments; electricity meters and gas meters use them to display usage data.

Smart home and portable devices: Refrigerators, rice cookers, air purifiers, etc. for household appliances, showing temperature, time, and operation mode; smart wristbands, weighing scales, thermometers, etc. for portable devices, using mini customized screens to display health data.

FAQ

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

Answer: No problem. Firstly, please kindly send us your specification/drawing paper. If you have not the specification, you can also provide your samples; we will recommend the suitable one if it is standard products. Or we can customize for you based on your own requirement.

This LCD is just what we want, but it is big size, do you have any smaller size? And the display content need to be changed a little.

Answer: For the segment type LCD module, if you need modify the outline size or display content, a new LCD glass module is need. We have to open new tooling for you.

This LCD display is HTN type, but I want STN type, can you make?

Answer: That's all right. We can change for you as per you request.

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

Answer: Yes, we can. Please send your drawing paper. If you have not, please advise me the outline size of the LCD display, display information (Glass thickness, Polarizer, Display Type, Connector mode, Storage Temp. Operating Temp. Supply Voltage, Viewing direction, drive condition), we can customize for you.

What is leading time for tooling?

Answer: General speaking, it will cost 15 to 25 days after drawing paper confirmation and tooling charge payment, we can report you the exact time when you confirm the drawing paper.

Can you send us samples for checking?

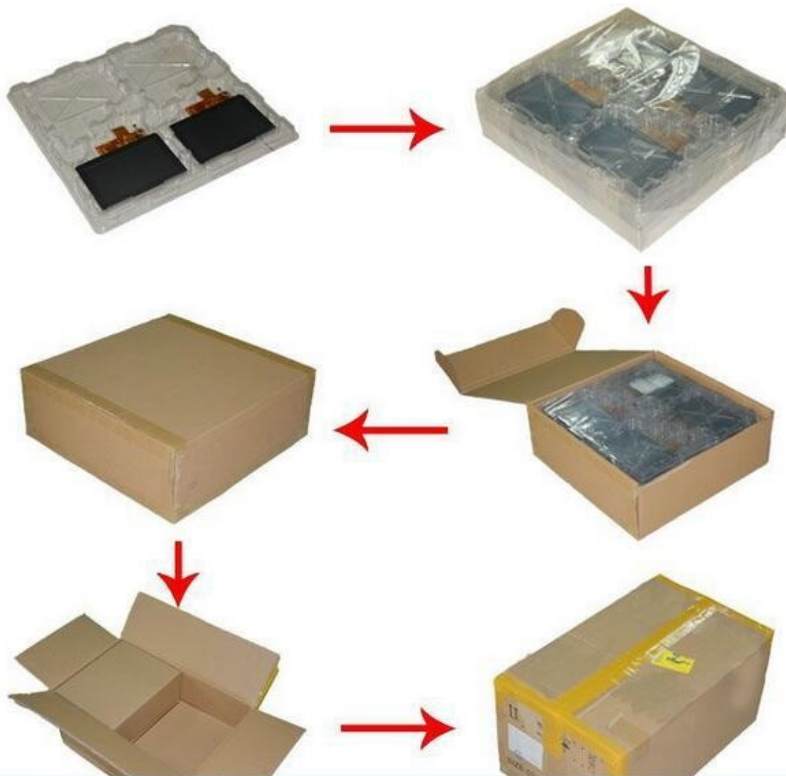
Answer: Yes. Samples order is available.

What is the Leading Time?

Answer: If we have stock for the standard ones, the leading time is one day after payment. If it is the mass production for special ones, the leading time is about 15-30 days. Suppose we can finish earlier, we will report the information in advanced.

Packaging & Shipping

Packaging: Carton boxes, Cupboard, EPE, Blister Tray. About the package way, it is up to the size of products, according to customer request and demand. Different countries have not same requirement.



Shipping: Express way as DHL, Fedex, EMS, UPS, air shipping, sea shipping. Any shipping method you prefer.

	 2-7days	 2-8days	 2-7days	 3-15days	 2-5days	 2-7days
Notice	<ol style="list-style-type: none">1. EMS for Brazil, Russia and Remote areas .2. SF for Hong Kong, Taiwan, South Korea, Japan, Thailand, Singapore and Malaysia .3. Having logo product can' t be sent by FEDEX .4. The Brazil want to use FEDEX/DHL , need to offer CNPJ / CPF to us !					

Payment Method





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