



VA LCD Display Segmented Black Screen Module with 178 Degrees Viewing Angle 5.0V Operating Voltage and White LED Backlight for Car Tire Pressure

Our Product Introduction

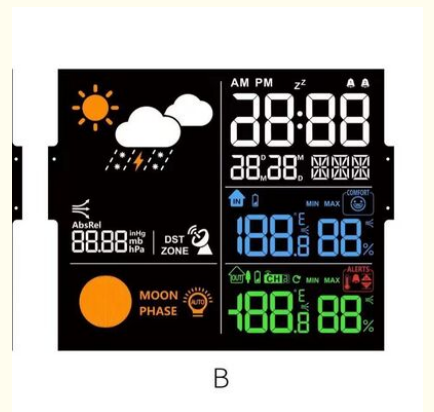
Basic Information

- 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: Segmented LCD Display
- Viewing Angle: 178 Degrees
- Character: White
- Display Type: VA LCD
- Outline Dimension: 58.01*61.38*2.45,41.7*56.16*3.35 Mm
- Led: White
- Transport Package: Carton/Pallet
- Highlight: VA Segmented LCD Display, Segmented LCD Display Black Screen, Segmented LCD Display Module



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VA Segmented LCD Display Black Screen Module For Car Tire Pressure

VA LCD Display Segmented Black Screen Module COB+PIN for Car Tire Pressure

Product Description

A VA Segment LCD utilizes Vertical Alignment (VA) technology, delivering high contrast, deep blacks, and wider viewing angles compared to TN-based segmented displays.

These characteristics make it ideal for applications requiring exceptional clarity, legibility, and visibility across various lighting conditions.

VA segment displays are commonly employed in consumer electronics, automotive dashboards, industrial equipment, and home appliances where simple numeric or alphanumeric readouts are sufficient.

While VA segment LCDs provide outstanding visual performance for basic displays, they remain limited in color reproduction and resolution compared to more advanced display technologies.

Detailed Parameters

No.	Item	Specifications
1	Model Description	LCD Display Black Screen
2	LCD Type	VA negative, transmissive
3	Viewing Angle	12 O'clock
4	Drive Method	1/8 Duty, 1/4 Bias, 5.0V
5	Operating Temperature	-30~+80
6	Storage Temperature	-40~+90
7	Connector	PIN, 26 numbers
8	LED Backlight	White
9	LCD Outline Dimension	79(W)* 47(H)* 2(T) mm
10	LCD View Area	76(W)* 40(H) mm

Product Introduction

The tire pressure VA segmented liquid crystal display black screen module is a display component used in automotive tire pressure monitoring systems.

Display Principle: VA (Vertical Alignment) liquid crystal display technology using negative display mode. When inactive, the screen appears black; during operation, it displays white or other colored characters, numbers, and patterns with high-contrast display effects.

Appearance Design: Typically rectangular or square with varying dimensions depending on the specific model. Connection to external circuits is achieved via PIN pins.

Technical Parameters: Operating voltage typically around 4.5V. Operating temperature range: -20°C to 70°C; storage temperature range: -30°C to 80°C. Excellent environmental adaptability.

Module Features: Segmented display enables clear presentation of tire pressure and temperature information. Different patterns and symbols indicate tire status. Some modules include backlighting functionality for convenient viewing in low-light conditions.

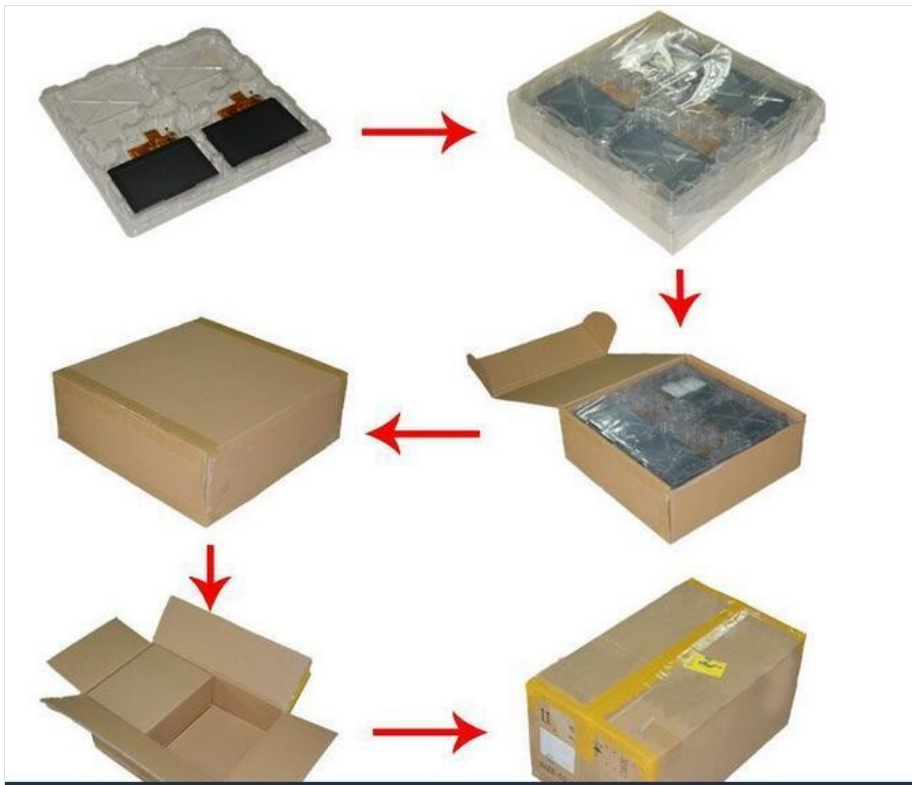
Product Applications

Primarily used in automotive tire pressure monitoring systems (TPMS) to provide real-time display of tire pressure and temperature data. Drivers can intuitively monitor each tire's status through this module. When tire pressure is too low, too high, or temperature becomes abnormal, the module alerts through specific display methods, prompting drivers to take timely action to ensure driving safety.



Packaging & Shipping

Packaging: Carton boxes, cupboard, EPE, blister tray. Packaging method depends on product size, customer requirements, and regional specifications.



Shipping: Express services including DHL, FedEx, EMS, UPS, air shipping, and sea shipping. Any preferred shipping method available.

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

Payment Method: Various payment options available.



Frequently Asked Questions

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

No problem. Please send us your specification/drawing. If you don't have specifications, you can provide samples and we'll recommend suitable options or customize based on your requirements.

2. 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.

For segment type LCD modules requiring size modifications or display content changes, a new LCD glass module is necessary, requiring new tooling.

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

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

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

Yes, we can. Please send your drawing. If unavailable, provide outline size, display information (glass thickness, polarizer, display type, connector mode, storage temperature, operating temperature, supply voltage, viewing direction, drive condition) and we'll customize for you.

5. What is leading time for tooling?

Typically 15 to 25 days after drawing confirmation and tooling charge payment. Exact timeline provided upon drawing confirmation.

6. Can you send us samples for checking?

Yes, sample orders are available.

7. What is the Leading Time?

For standard products in stock: one day after payment. For mass production of special orders: 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 due to product 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 issues
- Custom LCD display manufacturing based on specifications or drawings



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