



## Transflective 2.9 Inch STN LCD Screen with 128x64 Resolution and Monochrome Display

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

- Name: 2.9 Inch LCD Screen
- Color Depth: Monochrome
- Operating Temperature: -10 To 60 Degrees Celsius
- Backlight Type: LED
- Display Size: 128x64
- Viewing Angle: 6 O'clock
- Driver Ic: IST3004
- Highlight: **Transflective 2.9 Inch LCD Screen, Backlight LCD Display Monochrome, Green Backlight LCD Display**



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## Product Description

### Transflective 2.9 Inch LCD Screen 128×64 STN LCD Display Monochrome

#### STN LCD Technology Overview

STN LCD (Super Twisted Nematic LCD) is an enhanced version of basic TN display technology, featuring more complex liquid crystal alignment that delivers superior contrast and wider viewing angles compared to standard TN displays.

#### Key Technical Features

- Liquid crystals arranged at 180° twist angle for improved light manipulation
- Monochrome display with black text on white or gray background
- Enhanced contrast over standard TN displays
- Wider viewing angles with optimal visibility at 6 o'clock direction

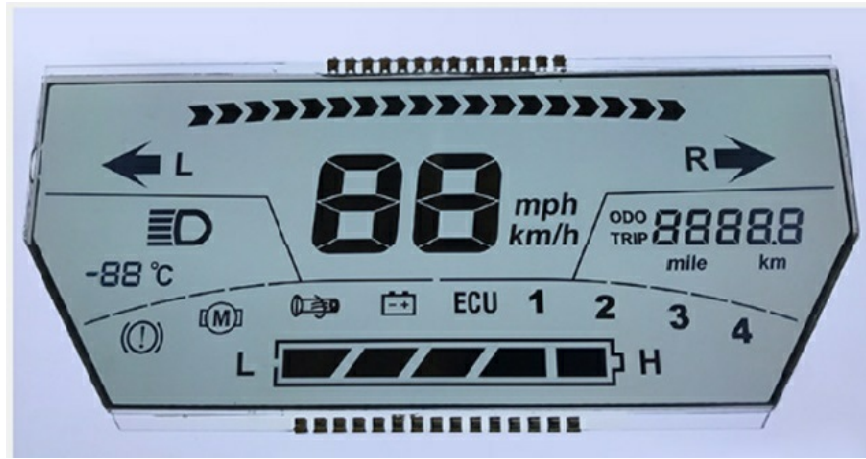
#### Detailed Specifications

Parameter	Specification
Product Description	Monochrome COG Graphic LCD Display
Model Brand	Bibuke
LCD Type	STN(Y-G), Positive
Polarizer Type	Transflective
Viewing Angle	6 O'clock
Resolution	128×64 dots
Drive Method	1/64 Duty, 1/9 Bias
Working Voltage	3.0V
Operating Temperature	-10°C to +60°C
Storage Temperature	-20°C to +70°C
FPC Connector	30PIN, socket type
FPC Pitch	0.5 mm
Driver IC	IST3004
Interface	8-bit Parallel, SPI
Outline Dimension	93.1(W)×53.0(H)×5.0(T) mm
View Area	73(W)×39(H) mm
Active Area	66.52(W)×33.24(H) mm
Dot Size	0.48(W)×0.48(H) mm
Dot Pitch	0.52(W)×0.52(H) mm

#### Product Applications

This 2.9-inch monochrome LCD display is ideal for various industrial and commercial applications requiring clear, reliable information display.

- Industrial Control: Instrument panels for temperature, pressure, and flow monitoring
- Instrumentation: Multimeters, oscilloscopes, and measurement devices
- Smart Home: Control panels for temperature, humidity, and device status
- Handheld Devices: Data collectors, electronic dictionaries, and portable equipment



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## Frequently Asked Questions

### I want an LCD display with 8 digits and outline size of 65x30x2.8mm. Is this possible?

Yes, we can provide customized solutions. Please share your specifications or drawings, or send samples for evaluation.

### This LCD is the right type but too large. Do you have smaller sizes with modified display content?

For segment-type LCD modules requiring size or content modifications, we can create new tooling for custom glass modules.

### Can you change this HTN type display to STN type?

Absolutely. We can modify the display type according to your requirements.

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

Typically 15-25 days after drawing confirmation and tooling payment. Exact timelines will be provided upon project confirmation.

### Do you provide samples for evaluation?

Yes, sample orders are available for quality verification.

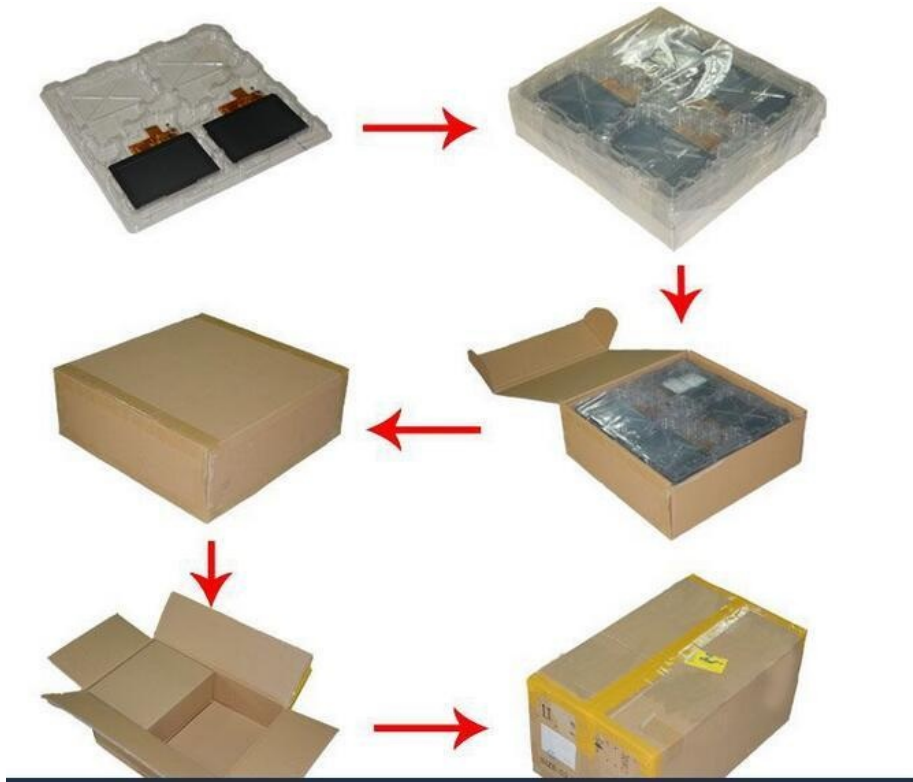
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## Our Services

- Free repair within one year after shipment
- Replacement within 30 days for product-related issues
- Custom logo printing and model number application
- Competitive shipping rates through established carrier partnerships
- Professional technical support and responsive after-sales service
- Comprehensive quality control and testing before shipment
- Custom LCD display manufacturing based on your specifications

## Packaging & Shipping

We use carton boxes, cupboard packaging, EPE, and blister trays tailored to product size and customer requirements. Shipping options include DHL, FedEx, EMS, UPS, air freight, and sea shipping based on your preference.



						
	2-7days	2-8days	2-7days	3-15days	2-5days	2-7days
<b>Notice</b>	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 !					

			
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