

## High Resolution 2.95 Inch Small LCD Display with 480x854 Pixels and RGB+MIPI Interface

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

- Name: Small LCD Display
- Display Type: TFT LCD
- Brightness: 300 Cd/m<sup>2</sup>
- Keywords: 2.95 Inch Lcd Display
- Driver Ic: ST7701S
- Lcd Type: TFT
- Application: Portable Electronic Devices
- Highlight: **High Resolution Small LCD Display, Small LCD Display 480x854, High Resolution LCD Display Small**



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## Product Description

### High Resolution 2.95 Inch Small LCD Display

This 2.95-inch, 480×854-pixel, dual-interface (RGB and MIPI) high-resolution small-sized LCD is a TFT display module that combines clarity with flexible adaptability. Featuring vertical screen high definition, interface compatibility, and industrial-grade reliability, it is suitable for embedded display requirements in various scenarios.

#### Core Product Features

- High Definition Display:** 2.95-inch vertical screen with 480×854 resolution providing approximately 342 PPI clarity
- Wide Viewing Angle:** IPS/ADS technology with 80°/80°/80°/80° viewing angles and minimal color distortion
- Bright & Vibrant:** 200-450 cd/m<sup>2</sup> brightness, 1200:1 contrast ratio, supporting 262K/16.7M colors
- Dual Interface Support:** Compatible with both RGB parallel and MIPI DSI serial interfaces
- Industrial Reliability:** Operating temperature range of -20 to 70 , storage range of -30 to 80
- Compact Design:** Slim 2.15mm thickness for easy integration into narrow spaces

#### Interface Advantages

- RGB Interface:** Ideal for rapid prototyping and low bandwidth applications
- MIPI Interface:** High bandwidth, low power consumption, strong anti-interference for HD video and mobile devices

#### Technical Specifications

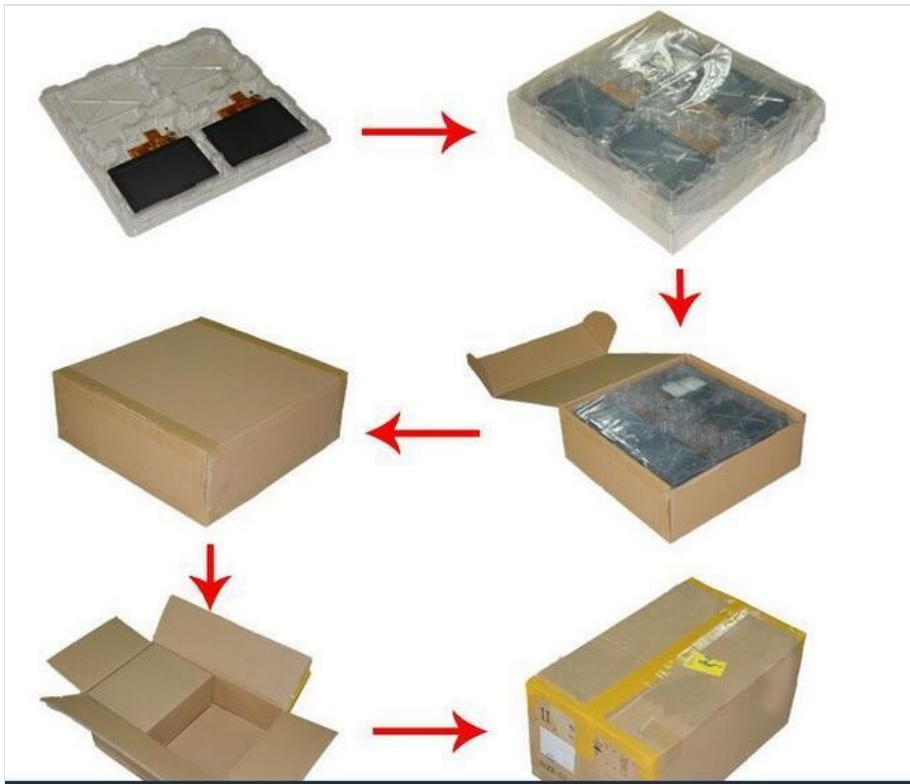
Parameter	Specification
Product Name	2.95-inch Rectangular TFT LCD Display
Display Mode	Normal black
Viewing Direction	All
Resolution	480x854 dots
Operating Temperature	-20~+70
Storage Temperature	-30~+80
FPC Connector	40 pins, ZIF type
Contrast Ratio	1200
Brightness	300 cd/m <sup>2</sup>
Interface	MIPI/RGB
Backlight Type	6 LEDs, White, parallel
Backlight Power	20mA
Outline Dimension	42.7(W)×74.7(H)×2.1(T) mm
Active Area	36.72(W)×65.28(H) mm
Driver IC	ST7701S
Touch Screen	Without

#### Typical Applications

- Industrial Instruments:** Handheld oscilloscopes, multimeters, pressure/temperature detectors
- Smart Wearable Devices:** Smart wristbands, health monitors, sports watches
- Vehicle Electronics:** Tire pressure monitors, head-up displays, seat adjustment panels
- Consumer Electronics:** Portable Bluetooth speakers, smart home control panels, small printer operation screens
- Medical Equipment:** Portable blood glucose meters, pulse oximeters, ECG monitors
- Embedded Development:** Microcontrollers, Raspberry Pi, IoT sensor nodes

#### Packaging & Shipping

Packaging options include carton boxes, cupboard, EPE, and blister trays, customized according to product size and customer requirements.



Shipping methods available: DHL, FedEx, EMS, UPS, air shipping, and sea shipping.

						
	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 Methods



### Frequently Asked Questions

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

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

**This LCD is just what we want, but it is big size, do you have any smaller size?**

For segment type LCD modules requiring size or display content modifications, new tooling is required for custom LCD glass modules.

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

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

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

Yes, we can. Please provide your drawing or 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.

### Can you send us samples for checking?

Yes, sample orders are available.

### What is the lead time?

For standard products in stock: 1 day after payment. For mass production of custom products: approximately 15-30 days.

## Our Services

- Free repair within one year after shipment
- Replacement within 30 days for product-related issues
- Custom logo printing and model number application
- Professional technical support and after-sales service
- Comprehensive quality inspection before shipment
- 24-hour customer support response time
- Full customization capabilities for all types of LCD displays

## Product Applications

- Household Appliances:** Refrigerators, air conditioners, water heaters, microwave ovens
- Communication Equipment:** Telephones, interphones, fax machines, wireless wifi
- Automotive Electronics:** On-board entertainment systems, navigation, cameras, anti-theft devices
- Instruments:** Water meters, electric meters, pressure meters, analytical instruments
- Fitness Equipment:** Treadmills, fitness bikes, pedometers, electronic scales
- Financial Equipment:** Tax control cash machines, POS systems, banknote counting machines
- Consumer Electronics:** MP3/MP4 players, electronic dictionaries, calculators, electronic clocks



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