



5 Inch 480x854 RGB Interface TFT LCD Display with 300 Cd/m2 Luminance for Industrial Applications

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

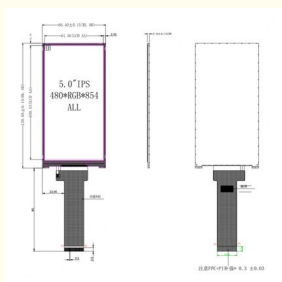


Product Specification

- Surface Luminance: 300 Cd/m2(nits)
- Colors: 262K
- Pixel Arrangement: RGB Vertical Stripe
- Aspect Ratio: 16:9
- Active Area: 61.56(H)x109.53(V)
- Backlight Type: LED
- Viewing Angle: ALL
- Operating Temperature: -20~70
- Highlight: **5 Inch TFT LCD Display ,
480x854 RGB Interface TFT LCD Screen,
300 Cd/m2 Luminance LCD Display Module**



More Images



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5 Inch 480x854 RGB Interface TFT LCD Display

| | |
|-----------------------|----------------------------------|
| Product | TFT LCD Display |
| Screen Size | 5.0 Inch (Diagonal) |
| Resolution | 480 (RGB) × 854 Pixels |
| Luminance | 300 Cd/m ² (nits) |
| Interface | RGB 565 Parallel |
| Drive IC | ST7701S |
| Operating Temperature | -20°C To +70°C |
| Storage Temperature | -30°C To +80°C |
| Backlight Type | LED Side Light (12 LEDs) |
| Backlight Lifetime | 40,000 Hours (Typical) |
| Viewing Angle | 80°/80°/80°/80° (All Directions) |
| Compliance | RoHS, REACH |

Product Overview

5-inch TFT liquid crystal display module with 480x854 RGB interface, designed for industrial applications with reliable performance and clear image display capabilities.

Key Features

Size & Resolution: 5-inch diagonal screen with 480x854 pixel resolution for clear data and image display in industrial scenarios

Interface Type: RGB interface enables high-speed data transmission for stable image signals, reducing color distortion and delay

Display Technology: TFT (thin film transistor) technology with fast response speed, bright colors, and high contrast; some models feature IPS technology for wide viewing angles

Brightness & Contrast: Industrial-grade brightness (200-550cd/m²) with approximately 800:1 contrast ratio for distinct colors and clear image layers

Temperature Range: Wide operating temperature (-20°C to +70°C) and storage temperature (-30°C to +80°C) for industrial environment adaptability

Form Factor: Compact dimensions ranging from 65.35mm x 118.50mm x 1.79mm to 67.56mm x 122.35mm x 4.1mm

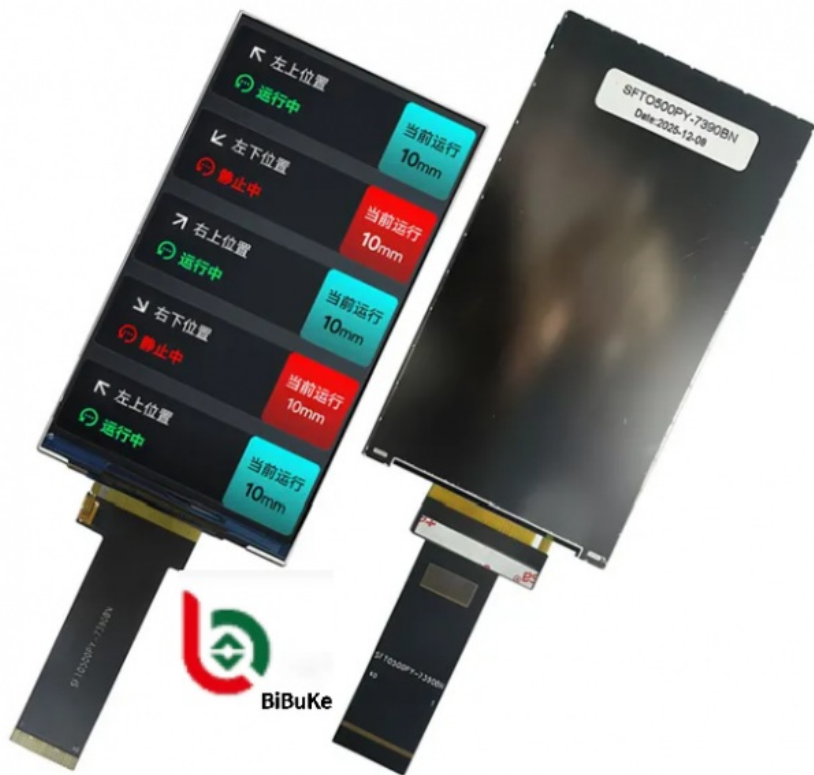
Applications

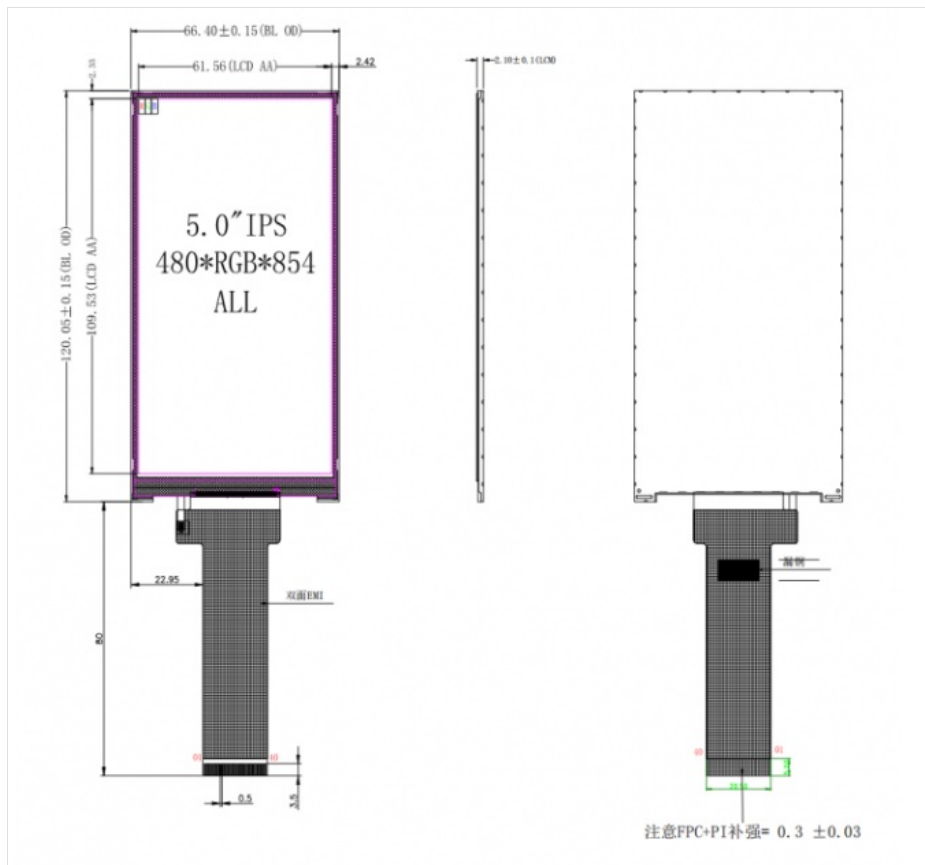
Industrial Control: Equipment operation status, parameter settings, and fault alarm displays for monitoring and control panels

Medical Devices: Blood glucose meters, blood pressure monitors, portable ultrasound diagnostic instruments for data and image display

Automotive Electronics: Instrument panels for vehicle speed, fuel level, engine RPM, and central control displays for navigation and multimedia

Smart Terminals: Industrial PDAs and handheld devices for mobile information viewing and operation





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 requirement. Please send us your specifications or drawing. If you don't have specifications, you can provide samples and we'll recommend suitable options from our standard products or customize based on your requirements.

This LCD is what we want, but it's too large. Do you have smaller sizes? We also need minor display content modifications.

For segment type LCD modules requiring size or display content modifications, we need to create a new LCD glass module with custom tooling.

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

Yes, we can change the display type to STN as per your request.

Can you customize a new LCD module for us?

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

What is the lead time for tooling?

Tooling typically takes 15-25 days after drawing confirmation and tooling charge payment. We'll provide exact timelines upon drawing approval.

Can you send samples for evaluation?

Yes, sample orders are available for quality verification.

What is the production lead time?

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



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