



3.5-Inch TFT LCD Display with 320x480 RGB Resolution and ILI9488 MCU Interface

Our Product Introduction

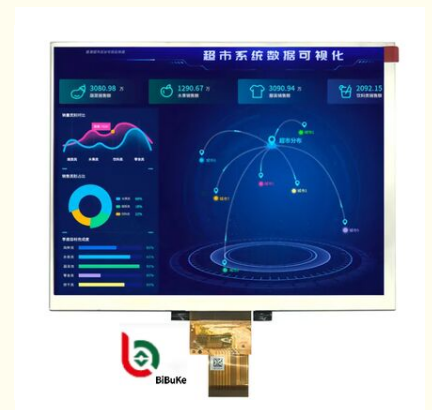
Basic Information

- 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

- Backlight Technology: LED
- Screen Type: TFT
- Operating Temperature: 0°C To 50°C
- Screen Size: 3.5 Inches
- Connectivity: Plugging (customizable)
- Product Type: TFT LCD Screen
- Viewing Angle: 12:00
- Interface: MCU (16-bit Parallel)
- Highlight: 320x480 RGB TFT LCD Display, ILI9488 MCU Interface TFT LCD Screen, 3.5-Inch LCD Display Module



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Product Description

320X480 RGB, ILI9488 MCU Interface 3.5-Inch TFT LCD Display

High-performance 3.5-inch TFT LCD display module featuring 320x480 RGB resolution and ILI9488 driver chip, designed for industrial applications with wide temperature range operation.

Technical Specifications

Display Type	TFT LCD, RGB
Screen Size	3.5 Inches
Resolution	320x480 Pixels
Viewing Direction	12:00
Interface	MCU (16-bit Parallel)
Operating Voltage	2.6V - 3.3V (logic)
Pin Number	32 Pins
Connection	Plugging (customizable)
Surface Luminance	200cd/m ² (nits)
Operating Temperature	-20°C to +70°C
LED Lifetime	40,000 Hours
Compliance	REACH & RoHS Compliant

Product Overview

This industrial-grade 3.5-inch TFT LCD display module delivers reliable performance with clear image quality for text, graphics, and simple image display applications.

Size & Resolution: 3.5-inch diagonal with 320x480 RGB resolution for clear visual display

Driver Chip: ILI9488 supports multiple interfaces including 8/16/18-bit MCU, 3-Line SPI, and RGB interface + 3-SPI

Display Performance: IPS technology provides wide viewing angles, high color reproduction, and contrast ratios

Industrial Grade: Wide temperature range operation (-20°C to 70°C) with robust construction for harsh environments

Interface Options: Available in FPC-40 pin and other configurations for easy integration

Application Areas

Industrial Control: HMI interfaces, instrumentation, and automation equipment

Smart Terminals: POS systems, handheld devices, home automation control centers

Vehicle Displays: Navigation systems, in-vehicle entertainment screens

Medical Equipment: Patient monitors, portable diagnostic devices



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 provide your specifications or drawing. If you don't have specifications, you can send samples and we'll recommend suitable options or customize based on your requirements.

This LCD is what we want, but it's 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 LCD glass modules with custom tooling.

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

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

Can you customize a new LCD module?

Yes, we provide full customization services. Please provide your drawing or specifications including outline size, display information, glass thickness, polarizer type, display type, connector mode, temperature ranges, supply voltage, viewing direction, and drive conditions.

What is the lead time for tooling?

Tooling typically requires 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 standard products.

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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