

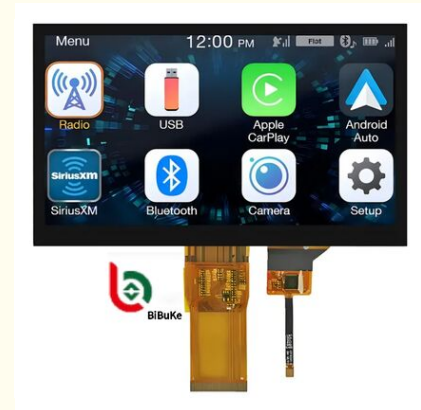


7 Inch 1024x600 Full Viewing Angle RGB Interface TFT LCD Display with IPS Technology

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

- Connect: Pin
- Touch Screen: CTP
- Interface Types: RGB
- Light Source: LED
- Product Type: TFT LCD Screen
- Brightness: 250 Cd/m²
- Viewing Direction: ALL
- Panel Type: LCD
- Highlight: 7 Inch TFT LCD Display ,
1024x600 Resolution TFT LCD Screen,
Full Viewing Angle LCD Display Module



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7 Inch 1024x600 Full Viewing Angle RGB Interface TFT LCD Display

High-performance 7-inch IPS TFT touch screen display with superior viewing angles and versatile interface options for industrial and commercial applications.

Technical Specifications

Keywords	7" Inch TFT LCD Touch	Touch Screen	Capacitive Touch Screen (CTP)
Resolution	1024x600	Cover Glass Dimension	Optional For Customization
LCM Interface	RGB	Surface Luminance	250 Cd/m ²
LED Lifetime	40,000 Hours	Pins	50 Pins
Viewing Direction	All	CTP Interface	I2C
Operating Temperature	-20°C to +70°C	Compliance	REACH & RoHS Compliant

Product Features

- **Size & Resolution:** 7-inch diagonal with 1024x600 WSVGA resolution for high pixel density and crisp image display
- **Panel Technology:** IPS (In-Plane Switching) with 80°-89° viewing angles for consistent color and contrast from all directions
- **Interface Options:** RGB interface with 50-pin configuration for stable and accurate signal transmission
- **Touch Solutions:** Supports capacitive (multi-touch, high sensitivity) and resistive (glove-compatible, industrial-grade) options
- **Brightness & Color:** 200-1000cd/m² brightness range with 16.7M color support for rich, natural color reproduction
- **Temperature Range:** Industrial-grade operating temperature from -20°C to +70°C, with extended options available

Application Areas

Industrial Control: HMI interfaces, equipment monitoring, production line terminals, and automation control panels with wide viewing angles for multi-user visibility.

Vehicle Equipment: Central control systems, GPS navigation, logistics tablets, and monitoring systems with high brightness for outdoor visibility.

Smart Home: Control screens, access control systems, intercom displays, and security panels with optimal 7-inch form factor.

Medical Electronics: Portable monitoring devices, diagnostic equipment, and medical instrument controls with high-resolution display accuracy.

Commercial Display: POS systems, self-service kiosks, retail terminals, and digital signage with enhanced user interaction experience.



Frequently Asked Questions

I want the LCD display 8 digits and the outline size is 65x30x2.8mm. Can you provide this?

Yes, we can accommodate custom specifications. Please provide your detailed specification drawings or samples, and we will recommend suitable standard products or create custom solutions 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 to meet your

specific requirements.

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

Yes, we can modify the display type to STN or other technologies according to your specific application needs.

Can you customize a new LCD module for our application?

Absolutely. We specialize in custom LCD solutions. Please provide your drawing specifications or detailed requirements including outline size, display information, glass thickness, polarizer type, connector mode, temperature specifications, and drive conditions.

What is the lead time for custom tooling?

Custom tooling typically requires 15-25 days after drawing confirmation and tooling charge payment. We will provide exact timelines upon project confirmation.

Can you provide samples for evaluation?

Yes, sample orders are available for product evaluation and testing.

What is your standard lead time for production?

For standard products in stock, lead time is one day after payment. For mass production of custom items, lead time is typically 15-30 days. We will notify you promptly if we can complete orders ahead of schedule.



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