



6.2 Inch 1024x600 Pixels TFT LCD Display Module with 1000 cd/m2 Brightness IPS Screen Panel

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

- Luminance: 1000 Cd/m2
- Connection: ZIF
- Active Area: 137.47(W) X 77.23(H) (mm)
- Resolution: 1024x600 Pixels
- Backlight Type: LED
- Product Type: TFT LCD Screen
- Viewing Angle: IPS, Full Viewing Angle
- Backlight Technology: LED
- Highlight: **6.2 Inch TFT LCD Display Module, 1024x600 Pixels IPS Screen Panel, 1000 cd/m2 TFT LCD Screen**



More Images



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Product Description

6.2 Inch 1024×600 TFT LCD Display Module Automotive Industrial Grade IPS Screen Panel

Product Specifications

Product:	6.2 Inch TFT	Resolution:	1024×600 Pixels
Model No.:	SFTO620BH-7180AN	Surface Luminance:	1000 Cd/m ² (nits)
Touch Screen:	Without	Viewing Direction:	IPS, Full Viewing Angle
Pin Number:	50 Pins	Connection:	ZIF
Interface:	RGB 24 Bits	LED Lifetime:	40,000 Hours
Outline Dimension:	143.37(W)×87.13(H)×2.56(T) mm	Operating Temperature:	-30°C to +80°C
Active Area:	137.47(W) × 77.23(H) mm	Compliance:	REACH & RoHS Compliant

Product Introduction

The 1024×600 arrangement is a common 16:9 display dot matrix. Due to its high resolution, this display offers unique advantages in various application scenarios.

In industrial automation and control systems, medical equipment, transportation vehicle cockpits, and high-end consumer electronics, the high-resolution feature provides clearer visual output and meets professional field requirements for image quality. With advancing technology and cost reduction, this display technology is expected to expand into more applications.

This 6.2-inch display screen features 1024×600 dot matrix resolution and uses IPS technology, delivering excellent visual experience from different angles. Operating voltage is 3V-3.6V with typical voltage of 3.3V and surface brightness of 1000 nits. Users can optionally add RTP or CTP for enhanced human-computer interaction.

Core Application Scenarios

Automotive and Two-Wheeler Dashboards: Ideal for secondary display screens in cars and instrument panels of motorcycles/electric vehicles, displaying speed, RPM, fuel level, battery status, and fault codes. 1000 nits brightness ensures visibility in strong outdoor lighting. Circular shape conforms to traditional dashboard layouts, while MIPI interface ensures real-time, smooth display of driving data.

Industrial and Medical Instruments: Suitable for circular display units in industrial control equipment like flow meters, pressure gauges, and speedometers. In medical applications, used for portable diagnostic instruments and health monitoring devices with high brightness and full viewing angle for quick data reading.

Smart Home and Consumer Electronics: Used for circular interactive screens in smart appliances including coffee machines, air purifiers, and thermostats. Also serves as external expansion for smart wearables, portable speakers, and advertising displays.

Outdoor and Special Equipment: Suitable for outdoor handheld terminals, security monitoring equipment, and drone status displays. Low power consumption of MIPI interface helps extend battery life.

Product Applications

Vehicle Information Entertainment System: Central control screens, navigation displays, and auxiliary instrument panels with high brightness visibility and wide viewing angle.

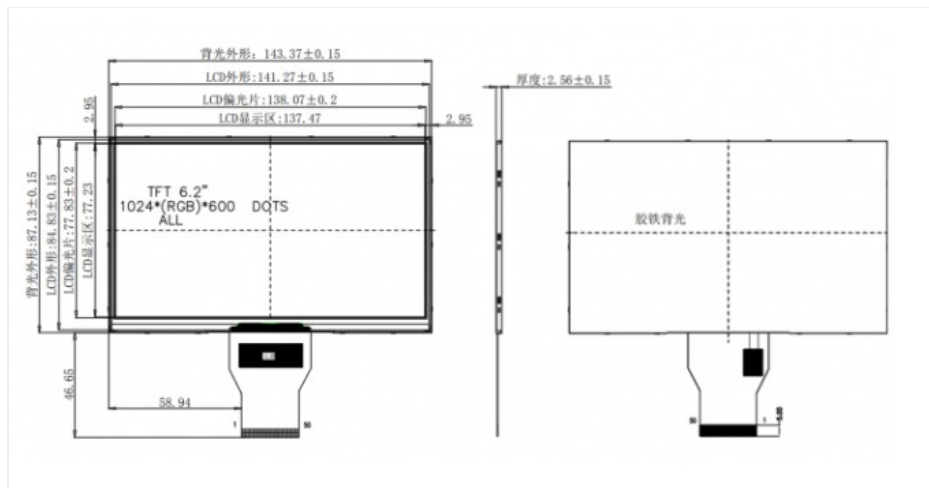
Industrial Control and HMI Terminal: PLC controllers, machine tools, and automated inspection instruments with high temperature resistance, anti-interference, and precise touch control.

Smart Home and Security: Video access control, smart panels, and monitoring terminals with clear interfaces and smooth operation.

Medical Electronic Terminal: Portable detection instruments, blood pressure monitors, and monitoring terminals with stable display and excellent color reproduction.

Logistics and Portable Terminals: Handheld scanners, warehouse PDAs, and IoT terminals with durability, shock resistance, and wide temperature range.





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? And the display content need to be changed a little.

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

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

Yes, we can change the display type according to your request.

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

Yes, we can customize for you. Please send your drawing or provide outline size, display information (glass thickness, polarizer, display type, connector mode, storage/operating temperature, supply voltage, viewing direction, drive condition).

What is leading time for tooling?

Typically 15 to 25 days after drawing confirmation and tooling charge payment. We'll provide exact timing upon drawing confirmation.

Can you send us samples for checking?

Yes, sample orders are available.

What is the Leading Time?

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



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