

8-inch 1024x768 Resolution IPS TFT LCD Module with Full Viewing Angle and LVDS Interface

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



Product Specification

- Connectivity: Soldering (Customizable)
- Overall Dimensions: 174x136x2.5 Mm
- Operating Temperature: -20°C To 70°C
- Storage temperature: -30°C To 80°C
- Display Technology: LCD
- Display Type: TFT LCD
- Operating Voltage: 3.3V / 5V
- Display Size: 8 Inches
- Highlight: **8-inch IPS TFT LCD module, 1024x768 resolution LCD screen, LVDS interface TFT display**



Product Description

8" Inch 1024x768 Resolution Full Viewing Angle LVDS Interface IPS TFT LCD Module

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Product Specifications

Keywords	8" Inch TFT Resolution: 1024x768
Interface	LVDS
Surface Luminance	350 Cd/m ²
Outline Dimension	174x136x2.5 mm
Active Area	162.05x121.54 mm
Pins	40
Touch Screen	Without (Customizable)
Cover Glass Dimension	Customizable
Viewing Direction	Free (80/80/80/80)

Core Specifications

Size: 8 inches (diagonal), classic 4:3 display ratio

Resolution: 1024x768 (XGA), pixel density approximately 160 PPI, clear display with sharp details

Panel Technology: IPS (hard screen), full viewing angle (approximately 178° up, down, left, and right), colors remain accurate and the picture does not distort at any angle

Interface Type: LVDS (low differential signal), 40-pin FPC connection, strong anti-interference, stable transmission, suitable for industrial and embedded platforms

Display Performance: Constant black panel, contrast approximately 700:1-800:1; brightness 300-1000 cd/m² (optional high brightness); supports 16.7M true color; response time approximately 25ms

Electrical and Environmental: Power supply 3.3V/5V; operating temperature -20°C to +70°C (wide temperature version can reach -30°C to +85°C), suitable for harsh environments

Structure: Lightweight design, thickness approximately 2.5-2.8mm, external dimensions approximately 174x136mm, effective display area approximately 162x121mm

Main Applications

This module is characterized by stability, clarity, wide viewing angle, and industrial-grade reliability, and is widely used in:

Industrial Control: Human-machine interface (HMI), PLC control panel, equipment operation terminal, automated production line monitoring screen

Medical Equipment: Portable detectors, ultrasound imaging, medical monitors, small diagnostic devices display interfaces

Smart Terminals and Embedded Systems: Building intercoms, smart home central control, in-vehicle navigation, POS machines, query / self-service terminals

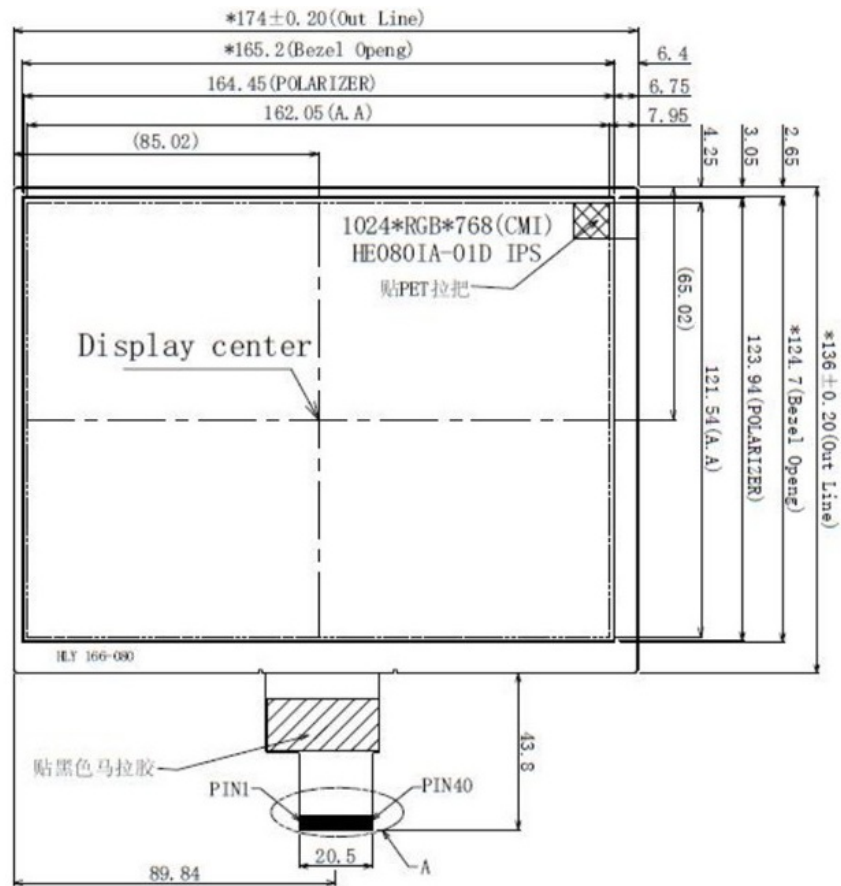
Instrumentation: Scope meters, measuring instruments, analyzers, high-definition display windows for testing equipment

Automotive and Aviation: In-vehicle control screens, aviation onboard equipment, special vehicle monitoring and operation screens

Commercial and Consumer: Digital photo frames, handheld devices, educational tablets, small advertising machines, coffee machines / home appliance interactive screens



Technical Drawing



Frequently Asked Questions

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

No problem. Firstly, please kindly send us your specification/drawing paper. If you don't have the specification, you can also provide your samples; we will recommend the suitable one if it is standard products. Or we can customize for you based on your own requirement.

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 the segment type LCD module, if you need to modify the outline size or display content, a new LCD glass module is needed. We have to open new tooling for you.

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

That's all right. We can change for you as per your request.

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

Yes, we can. Please send your drawing paper. If you don't have one, please advise us the outline size of the LCD display, display information (Glass thickness, Polarizer, Display Type, Connector mode, Storage Temp, Operating Temp, Supply Voltage, Viewing direction, drive condition), we can customize for you.

What is the lead time for tooling?

Generally speaking, it will take 15 to 25 days after drawing paper confirmation and tooling charge payment. We can report you the exact time when you confirm the drawing paper.

Can you send us samples for checking?

Yes. Sample orders are available.

What is the Lead Time?

If we have stock for the standard ones, the lead time is one day after payment. If it is mass production for special ones, the lead time is about 15-30 days. If we can finish earlier, we will report the information in advance.

Our Services

Free repair within one year after the shipment of products from us.

Replacement within 30 days after the shipment of products from us due to products' problems.

We can print your logo and stick your model number on the cameras.

We have long cooperation with many shipping companies and our export volume is large. The shipping companies can offer us good

discounts.

Professional technician supports. We have a good after-sales service team. They can solve your problems in time.

All goods will be inspected and tested by our engineers and QC/QA before packing and shipment.

Customer satisfaction is most important to us. If you have any problem or questions regarding our transaction, please contact us by Email or online. It will be responded within 24 hours.

Products pictures only for your reference. Please kindly refer to the specification. We can provide the products based on the specification, or you can offer your own specification or drawing. We can customize all kinds of LCD displays for you.



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