

RGB Interface 7 Inch TFT LCD Touch Screen 1024×600 Dots Matrix 50pin FPC

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Model Number: BBI-001
- 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

- Transport Package: Standard Carton Package
- Bonding Method: Air Bonding, Optical Bonding
- Fpc: 50pin
- Outline Size: 31.28x30.3x1.45
- Touch Type: With/without RTP/ With CTP
- Pixel Arrangement: RGB-stripe
- Name: 7inch IPS TFT LCD Display
- Highlight: 7 Inch TFT LCD Touch Screen ,
7 Inch TFT Touch Screen 1024×600 ,
7 Inch TFT Screen 50pin FPC



Product Description

RGB Interface 7 Inch TFT LCD Touch Screen 1024×600 Dots Matrix 50pin FPC

Product Description

Key Features:

Resolution:

- **1024x600** pixels, meaning it has 1024 horizontal pixels and 600 vertical pixels.
- This resolution improves lower-resolution displays like 800x480, providing sharper images and clearer text.

Aspect Ratio: 16:9, making it suitable for media applications such as video playback and games.

Pixel Density: The pixel density (PPI – pixels per inch) of a 7-inch display with 1024x600 resolution is around **170 PPI**. This is adequate for general applications, but higher-resolution displays may be preferred for extremely fine detail.

Display Type: TFT (Thin-Film Transistor): Provides vibrant colors, good contrast, and fast refresh rates. TFT is often more affordable and offers decent image quality for most applications.

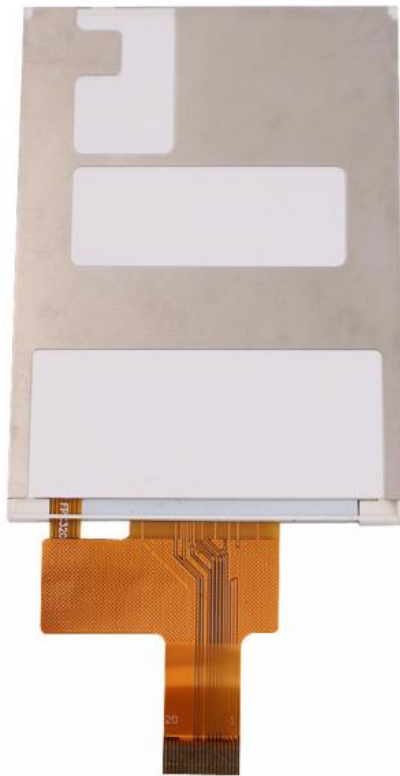
Backlight: LED backlighting is typically used, which is energy-efficient and provides adequate brightness for indoor use.

Viewing Angles: The viewing angle of TFT screens is decent but not as wide as that of IPS (In-Plane Switching) displays. Expect a loss of color accuracy and contrast if viewed from extreme angles.

Connectivity: These screens usually come with various connection options, such as **RGB (parallel)**, **HDMI**, or **SPI** for interfacing with microcontrollers or SBCs (Single-Board Computers) like the Raspberry Pi or Arduino.

Basic Parameters:

NO.	ITEM	SPECIFICATIONS
1	Product Name	7.0 Inch TFT LCD Display
2	Display Mode	Normally white, TN, Transmissive
3	Viewing Angle	Free
4	Pixel arrangement	RGB Vertical stripe
5	Resolution	1024 RGB(H) x 600(V) Dots
6	Operating Temperature	-20~+70
7	Storage Temperature	-30~+80
8	FPC Connector	50PIN, socket type
9	FPC PITCH	0.5 mm
10	Surface treatment	Antiglare, Hard-Coating (3H)
11	Backlight	LED Side-light type, 6 parallel 3 series
12	Interface	RGB
13	Luminance	180 cd/m ²
14	Outline Dimension	165(W) ×100(H) ×3.5(D) mm
15	Active Area	154.21(W) × 85.92(H) mm



Packaging & Shipping:

Packaging: Carton boxes, Cupboard , EPE, Blister Tray, About the package way, it is up to the size of products, according to customer request and demand. Different countries have not same requirement..



Shipping: Express way as DHL,Fedex,EMS,UPS,air shipping,sea shipping,Any shipping method you prefer.

					
2-7days	2-8days	2-7days	3-15days	2-5days	2-7days
Notice	1. EMS for Brazil, Russia and Remote areas . 2. SF for Hong Kong, Taiwan, South Korea, Japan, Thailand, Singapore and Malaysia . 3. Having logo product can't be sent by FEDEX . 4. The Brazil want to use FEDEX/DHL , need to offer CNPJ / CPF to us !				

Payment Method:

			
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FAQ:

- 1. I want the LCD display 8 digits and the outline size is 65x30x2.8mm.....?**
 Answer: No problem. Firstly, please kindly send us your specification/ drawing paper
 If you have not 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.
- 2.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.**
 Answer: For the segment type LCD module, if you need modify the outline size or display content, a new LCD glass module is need. We have to open new tooling for you.
- 3. This LCD display is HTN type, but I want STN type,can you make?**
 Answer: That's all right . we can change for you as per you request.
- 4. I want customize a new LCD module. Can you do?**
 Answer: Yes, we can. Please send your drawing paper. If you have not, please advise me 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.
- 5. What is leading time for tooling?**
 Answer: General speaking, it will cost 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.
- 6. Can you send us samples for checking?**
 Answer: Yes,. Samples order is available.
- 7. What is the Leading Time?**
 Answer: If we have stock for the standard ones, the leading time is one day after payment. If it is the mass production for special ones, the leading time is about 15-30 days. suppose we can finish earlier, we will report the information in advanced.

Our Services:

1. Free repair within one year after the shipment of products from us.
2. Replacement within 30 days after the shipment of products from us due to products' problems.
3. We can print your logo and stick your model No.on the cameras.
4. We have long cooperation with many shipping companies and our export volume is large. The shipping companies can offer us good discounts.
5. Professional technician supports. We have a good after-sales service team. They can solve your problems in time.
- 6.All goods will be inspected and tested by our engineers and QC/QA before packing and shipment.
- 7.Customers satisfactory 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.
- 8.Products pictures only for your referenc. please kindly refer to the specification. we can provide the products basic on the specification. or you can offer your own specification or drawing , we can customize all kinds of LCD displays for you. thanks for your kind support always.

Product application

Household appliances-refrigerators: air conditioners, fans, hot and cold air heaters, water heaters, electric blankets, heaters, air purifiers, washing machines, clothes dryers, vacuum cleaners, lampblack cleaners, microwave ovens, cookers, electric ovens, rice cookers, water drinkers, tea sets, etc.;

Communication :equipment-telephone, interphone, fax machine, wireless wifi, etc.

Automotive: electronics-on-board entertainment system, automobile fault detector, CarLog, vehicle navigator, car audio, reverse radar, reverse mirror, camera, anti-theft device, etc.

Instruments :water meters, electric meters, multimeter, electronic scales, pressure meters, temperature meters, flow meters, display instruments, electrical instruments, space instruments, measuring instruments, analytical instruments, electrochemical instruments, optical instruments, etc.;

Fitness: equipment-treadmill, waist machine, fitness bike, training device, pedometer, code table, beauty instrument, fat square measuring instrument, fitness instrument, electronic sphygmomanometer, weighing scale, etc.

Financial :tax control-tax control cash machine, poss machine, usb-key cheque printer, banknote counting machine, tax control invoice machine, etc.

Consumer electronics:mp3,mp4,dvd, electronic dictionary, click reader, early teaching machine, learning machine, electronic organ, electronic clock, chronograph, calculator, etc.

high resolution, high definition, high brightness, cost -effective, energy conservation, high temperature, low temperature, Wide Temperature Range, Positive, Negative



Dongguan Bibuke Electronic Technology Co., Ltd.



+8613711912723



Jack@smartwinlcd.cn



lcdtftscreen.com

Shangyu Commercial Centre Chang'an, Dongguan, Guangdong, China 523881