

2.4 Inch TFT LCD Display with 240x320 Resolution 60 Hz Refresh Rate and 12 O'clock Viewing Direction

Our Product Introduction

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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

- Panel Type: TFT
- Refresh Rate: 60 Hz
- Size: 2.4inches
- Colors: 262K
- Display Technology: LCD
- Outline Size: 42.72 X 60.26 X 3.4 Mm
- Highlight: **60 Hz Refresh Rate TFT LCD Display ,
240x320 Resolution TFT LCD Screen,
12 O'clock Viewing Direction LCD Display
Module**



TFT LCD Display 2.4 Inch Graphics Video Display with RGB Interface

A high-quality 2.4-inch TFT LCD display featuring RGB interface for superior graphics and video performance.

Resolution:	240 * 320
Display Mode:	Transmissive
Display Type:	TFT LCD Display
Viewing Direction:	12 O'clock
Outline Size:	42.72 * 60.26 * 3.4 mm
Viewing Size:	36.72 * 48.92 mm

1 General Specifications

	Feature	Specifications
Display Spec.	LCD type	2.4 inch
	Resolution (H*V)	240(RGB) × 320
	Technology Type	a-Si TFT
	Pixel Configuration	R.G.B. Vertical Stripe
	Display Mode	Transmissive / Normally White
	Surface Treatment	Glare
	Viewing Direction	12 o'clock
	Gray Scale Inversion Direction	6 o'clock
Mechanical Characteristics	OutlineDimensions (W x H x T) (mm)	42.72*60.26*3.4
	Active Area(mm)	36.72*48.96
	With /Without Touch screen	With Resistive TP
	Match Connector Type	Soldering
	Backlight Type	LED
	Weight (g)	TBD
Electrical Characteristics	Interface	MPU8/16/9/18bit/RGB
	Number of color	262K
	Driver IC	ST7789V

Note 1: Viewing direction for best image quality is different from TFT definition. There is a 180 degree shift.

What is TFT LCD?

A thin-film transistor liquid crystal display (TFT LCD) is a type of liquid crystal display that uses thin-film transistor technology to improve qualities such as contrast and addressability. TFT technology means each pixel is driven by an individual transistor, enabling faster response times.

Advantages

- Lower energy consumption
- Sharper visibility and superb image quality
- Optimized physical design
- Fast response time
- Reduced eye strain

Disadvantages

TFT LCD displays may cost slightly more than regular monochrome displays. Optimal viewing is at the 12 o'clock direction, with potential inversion when viewed from other angles. Despite these minor limitations, TFT displays remain superior technology for modern applications.



Core Features

Display Effect: High resolution (320*240/480*320), high contrast, and wide viewing angle for clear presentation of graphics and videos

Interface Advantages: RGB parallel digital interface connects directly to MCUs and FPGAs with fast transmission rates

Physical Specifications: Compact 2.4-inch size with low power consumption ideal for portable devices

Main Applications

Industrial Control: Operating interfaces for PLCs, sensor controllers, and handheld detectors

Consumer Electronics: Portable media players and small game consoles

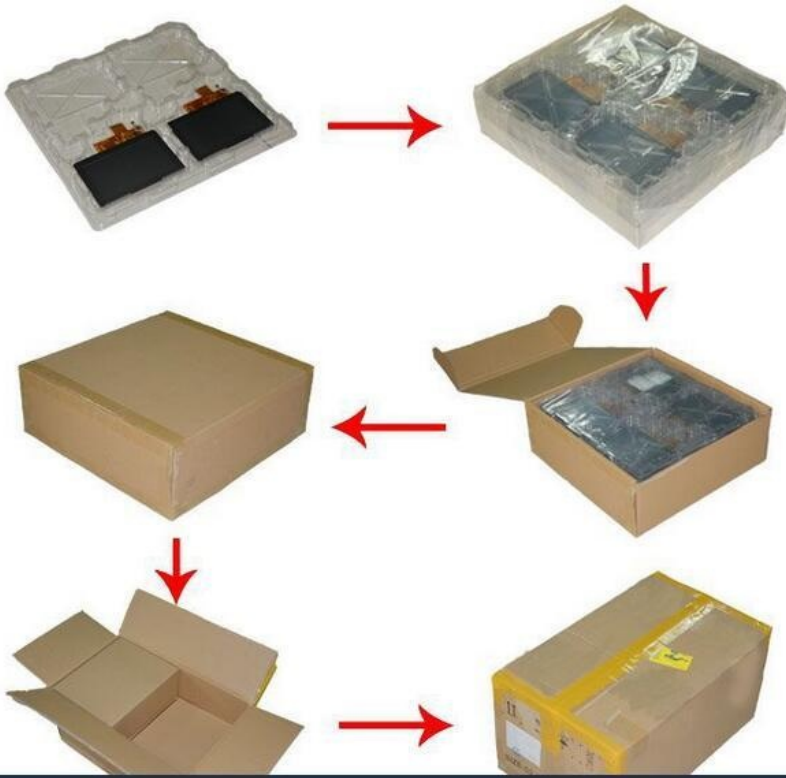
Smart Devices: Control panels for smart home and vehicle display modules

Medical Instruments: Handheld testing devices and diagnostic equipment

IoT Terminals: Display interfaces for low-power IoT devices

Packaging & Shipping

Packaging: Carton boxes, cupboard, EPE, blister tray. Packaging method varies based on product size and customer requirements.



Shipping: Express options including DHL, FedEx, EMS, UPS, air shipping, and sea shipping available.

						
	2-7days	2-8days	2-7days	3-15days	2-5days	2-7days
Notice	<ol style="list-style-type: none"> 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: Various payment options available.



Dongguan Bibuke Electronic Technology Co., Ltd.



+8613711912723



Jack@smartwinlcd.cn



lcdtftscreen.com

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