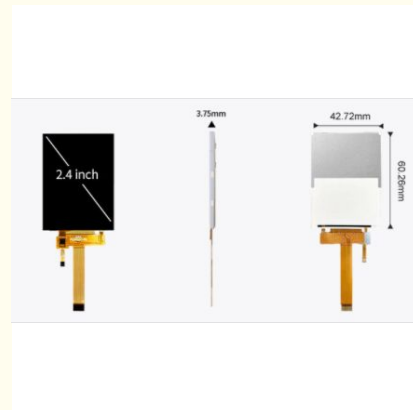


2.4 Inch IPS TFT LCD Display with 300 Nit Brightness 800:1 Contrast Ratio and -20~70 Operating Temperature

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

- Pin: 14
- Number Of Dots: 240 RGB X 320
- Product Type: Tft Lcd
- Operation Temperature: -30 To +85
- Outline Dimension: 42.72x60.26x3.05mm
- Operating Temp: -20~70
- Angle Of View: IPS All View Angle
- Specification: ISO9001, ROHS
- Highlight: **300 Nit Brightness IPS TFT LCD Display , 800:1 Contrast Ratio TFT LCD Screen , -20~70 Operating Temperature LCD Display Module**



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2.4" IPS TFT LCD Display 240×320 Resolution SPI Interface with CTP

2.4 inch TFT LCD (Thin Film Transistor Liquid Crystal Display) is a small-size display module that uses TFT technology to provide high-quality color images and videos. The display has a diagonal screen size of 2.4 inches and a resolution of 240×320 pixels, providing clear and sharp images with accurate color representation.

Key Specifications

Resolution	2.4 Inch 240×320
Interface	4 Wire SPI
Driver IC	ST7789V
Brightness	300 Nit
Viewing Angle	IPS All View Angle
Display Area	36.72(H)×48.96(V)mm
Contrast Ratio	800:1

Detailed Technical Specifications

Screen Size	2.4 inch
Number of Pixels	240RGB(H)×320(V)
Display Area	36.72(H)×48.96(V)mm
Pixel Pitch	0.153(H)×0.153(V)mm
Pins	14 Pins
Outline Dimension	42.72×60.26×3.05mm
Pixel Arrangement	RGB Vertical Stripe
Display Mode	Normally Black
Viewing Direction	ALL
Display Color	262K
Luminance	300 nit
Interface	4Line SPI
Back-light	LED Side-light type
Drive IC	ST7789V
Operation Temperature	-20~70
Storage Temperature	-30~80

Product Features

IPS Technology: Features full-view characteristics with minimal color distortion from any angle

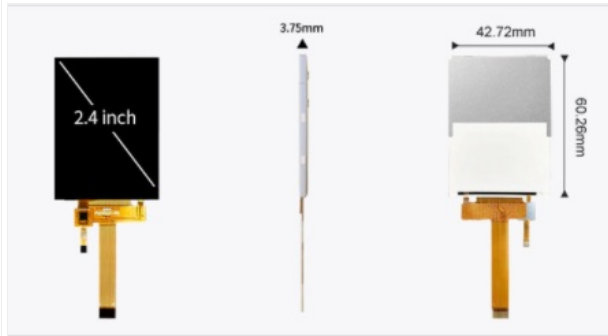
SPI Interface: Simple 4-wire connection with fast data transmission for easy microcontroller integration

Capacitive Touch Panel (CTP): Supports multi-touch with fast response and high accuracy

High Brightness: 300 nit brightness ensures visibility in various lighting conditions

Wide Temperature Range: Operates from -20 to 70 for diverse application environments

Compact Size: Small form factor (42.72×60.26×3.05mm) ideal for portable devices



Dongguan Bibuke Electronic Technology Co., Ltd.



+8613711912723



Jack@smartwinlcd.cn



lcdtftscreen.com

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