

2.4 Inch IPS TFT LCD Display with 350 Nit Brightness and 240x320 Resolution MCU RGB Interface

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.78-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 300000/MONTH



Product Specification

- Storage Temperature: -30 To 80 Degrees Celsius
- Outline Dimensions: 42.72*60.26*2.30
- Operating Temperature: -20 To 70 Degrees Celsius
- Display Mode: TFT
- Supplier Type: Manufacturer
- Active Area: 36.72*48.96
- Lcd Resolution: 240x320 Dots
- Touch Type: With/without RTP/CTP
- Highlight: **350 Nit Brightness IPS TFT LCD Display ,
2.4 Inch Size TFT LCD Screen ,
240x320 Resolution LCD Display Module**



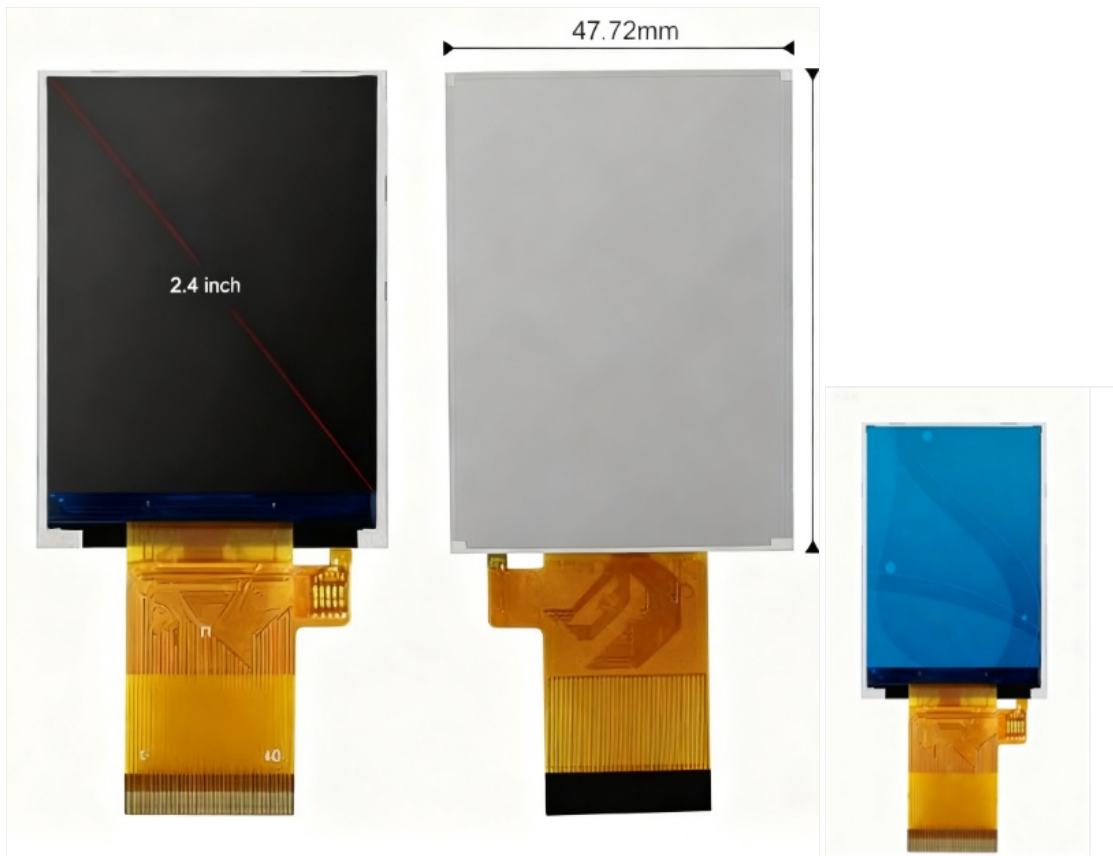
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350 Nit 2.4 Inch IPS TFT LCD Display 240x320 48.96mm MCU RGB Interface

Newly published IPS TFT LCD display designed for commercial and industrial applications. This high-quality display features a 2.4-inch diagonal screen with 240×320 resolution and 350 nits brightness, delivering clear visibility in various lighting conditions.

Technical Specifications

Parameter	Value
Size (inch)	2.4
Resolution	240×320
Active Area (mm)	36.72×48.96
Pixel Pitch (μm)	51×153
Outline Dimension (mm)	42.72×60.26×2.30
Pixel Arrangement	RGB Vertical Stripe
Display Mode	Normally Black
Viewing Angle	ALL
Display Colors	262K
Brightness (cd/m ²)	350
Contrast Ratio	600:1
Interface	MCU 8/16 BIT RGB 16/18BIT
Back-light	LED Side-light type
Driver IC	ST7789V
Operation Temperature (°C)	-20~70
Storage Temperature (°C)	-30~80
Response Time (ms)	35
Pin Number	40



Key Features

High-Quality Display: 2.4-inch diagonal size with 36.72mm × 48.96mm active area

Sharp Resolution: 240×320 QVGA resolution with high pixel density for clear text and graphics

Bright Visibility: 350nit brightness ensures clear display in various lighting conditions

Advanced IPS Technology: 170° wide viewing angle with consistent colors from any angle

Flexible Interface Options: Supports MCU (8/16-bit) and RGB (16/18-bit) interfaces

Reliable Driver: ST7789V driver IC ensures stable operation

Wide Temperature Range: Operates from -20°C to +70°C, stores from -30°C to +80°C

Environmentally Friendly: Complies with REACH and RoHS standards



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