



## 4.6 Inch 800 x 320 Resolution TFT LCD Screen with 24-bit RGB Interface and Resistive Touchscreen

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

- Module Outline: 120.7 (H) X 57.08(V) X 3.10(MAX)(T)
- Screen Size: 4.6inches
- Interface: 24-bit RGB Interface
- Backlight Technology: LED
- Touchscreen: Customized
- Pins Number: 40 Pins
- Refresh Rate: 60 Hz
- Touch Screen: RTP
- Highlight: **4.6 Inch TFT LCD Screen ,  
800 x 320 Resolution LCD Display Module,  
24-bit RGB Interface TFT Display**



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## Product Description

### 40 Pins TFT LCD Resistive Touchscreen 4.6 Inch 800 x 320 Resolution

Resolution:	800 RGB x 320
Display Mode:	Transmissive / Normally White
Display:	STN Positive
Viewing Direction:	12 O'Clock
Interface:	24 Bit Interface
Viewing Size:	108 x 43.2 mm

### Technical Specifications

Feature	Details	Unit
Display Size (Diagonal)	4.6"	
LCD Type	TN TFT	
Display Mode	Normally White/Transmissive	
Resolution	800 RGB x 320	Pixels
Viewing Angle	12 O'Clock	Best Image
Gray Scale Inversion	0 O'Clock	
Module Outline	120.7 (H) x 57.08 (W) x 3.10(MAX)(T)	mm
Active Area	108 (W) x 43.2 (H)	mm
Pixel Size	R.G.B Vertical Stripe	um
Polarizer Surface Treatment	Anti-Glare	
Display Colors	16.7M	
Interface	24-bit RGB interface	
Touch Panel	CTP	
Operating Temperature	-20~70	°C
Storage Temperature	-30~80	°C
Weight	42	g

### Product Overview

This 4.6-inch resistive touchscreen features a 800\*320 resolution with 40-pin interface, designed for industrial and embedded applications. The TN TFT display offers 16.7M colors with 12 o'clock viewing angle and anti-glare surface treatment.

#### Key Advantages:

- Wide operating temperature range (-20°C to 70°C)
- 24-bit RGB interface for high color depth
- Resistive touch supports finger and stylus input
- Compact 4.6" size with 108 x 43.2mm viewable area
- Standard 40-pin connector for easy integration

### Application Scenarios

- **Industrial Control:** Machine tool operation panels, HMI interfaces
- **Automotive:** Vehicle navigation, construction machinery displays
- **IoT Devices:** Smart home controls, self-service terminals
- **Embedded Systems:** Educational projects, instrumentation

### LCD Module Specifications

Model	Content (W x H)	Module Size (mm)	View Area (mm)	Dot Size (mm)	Driving	Controller	Package
8D-C2004A	20X4	98.0X60.0	76.0X25.2	0.55X0.55	1/16	S6A0069	COB
8D-C2004B	20X4	20.0X47.0	60.0X16.0	0.42X0.42	1/16	S6A0070	COB
8D-G12864A	128X64	70.0X70.0	62.0X40.0	0.39X0.55	1/64	S6B0108A	COB
8D-G240128	240X128	144X104	104X64	0.4X0.4	1/128	T3	QFP/COB



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