

## 3.5 Inch 320x480 Resolution TFT LCD Display with 4Line SPI Interface and Touch Panel

### 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

- Active Area: 48.96(H)x73.44(V)
- Keywords: 2.0 Inch TFT Lcd Module
- Interface Type: 4Line SPI
- Drive: ILI9488
- Display Mode: Normally White
- Viewing Angle: All
- Backlight Type: LED
- Size: 3.5inch
- Highlight: **3.5 Inch TFT LCD Display ,  
320x480 Resolution LCD Display ,  
4Line SPI Interface Touch Panel**



## Product Description

### 4Line SPI Interface Small TFT LCD Display 3.5 Inch Touch Panel 320x480

#### Product Overview

3.5-inch 320x480 resolution TFT LCD display with 4-line SPI interface, featuring touch panel functionality and high-quality display performance.

#### Key Specifications

Parameter	Value	Unit
Screen Size	3.5	inch (Diagonal)
Number of Pixels	320*RGB*480	Pixels
Display Area	48.96*73.44	mm
Pixel Pitch	0.153*0.153	mm
Outline Dimension	54.48*84.71*2.20	mm
Display Color	262K	--
Luminance	400	nit
Contrast Ratio	500:1	--
Interface	4Line SPI	--
Drive IC	ILI9488	--
Operation Temperature	-20~70	
Storage Temperature	-30~80	





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## Product Features

- High Resolution:** 320\*480 pixel resolution for clear image and text display
- Wide Color Range:** Supports 262K color display for vibrant visuals
- Efficient Interface:** 4-wire SPI interface saves microcontroller I/O resources
- Touch Functionality:** Available with resistive or capacitive touch options
- Wide Viewing Angle:** IPS panel option provides 170° viewing angle
- Robust Performance:** Operates in -20 to 70 range for industrial applications
- Compact Size:** 3.5-inch diagonal with slim 2.2mm profile

## Applications

Ideal for embedded systems including:

- Intelligent instruments and meters
- Industrial control equipment
- Handheld devices
- Smart home control panels
- Medical devices
- Automotive displays

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## Frequently Asked Questions

### 1. I want the LCD display 8 digits and the outline size is 65x30x2.8mm?

Answer: No problem. Please send us your specification/drawing paper. If you don't have specifications, you can provide samples; we'll recommend suitable standard products or customize based on your requirements.

### 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 segment type LCD modules, modifying outline size or display content requires a new LCD glass module with new tooling.

### 3. This LCD display is HTN type, but I want STN type, can you make?

Answer: Yes, we can modify the display type according to your request.

### 4. I want to customize a new LCD module. Can you do?

Answer: Yes, we can. Please send your drawing paper. If unavailable, provide outline size, display information (glass thickness, polarizer, display type, connector mode, temperature ranges, supply voltage, viewing direction, drive condition).

### 5. What is lead time for tooling?

Answer: Typically 15-25 days after drawing confirmation and tooling charge payment. Exact time will be confirmed after drawing approval.

### 6. Can you send us samples for checking?

Answer: Yes, sample orders are available.

### 7. What is the Lead Time?

Answer: For standard products in stock: 1 day after payment. For special mass production: 15-30 days. We'll inform you if we can finish earlier.



**Dongguan Bibuke Electronic Technology Co., Ltd.**



+8613711912723



Jack@smartwinlcd.cn



lcdftscreen.com

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