



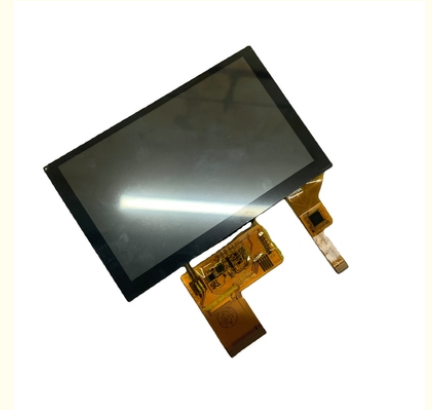
## 800 X 480 TFT LCD Capacitive Touchscreen 5 Inch Industrial LCD Panel Tft Lcd

Our Product Introduction

for more products please visit us on [tft-displaylcd.com](http://tft-displaylcd.com)

### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: oem
- Certification: ROHS、ISO9001、CE
- Model Number: ZH050TG50030V.C
- Minimum Order Quantity: 1pieces
- Price: Negotiated
- Packaging Details: Carton Packing
- Delivery Time: 7-15 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 300k per month

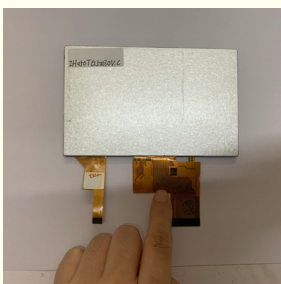


### Product Specification

- Interface: RGB, 40pin RGB
- Size: 120.7(W) X75.8(H) X3.0(D)
- Active Area: 108(W) X64.8 (H) Mm
- Resolution: 800x480
- Viewing Direction: 70/70/50/70
- Warranty: 1 Year
- Display Colors: 65/262K
- Response Time: 5ms
- Lcm Size: 5 Inch
- Storage Temp: -30 ~ +80
- Display Type: TFT LCD
- Operation Voltage: 2.8V-3.3
- Polarizer Type: Transmissive
- Highlight: **tft lcd capacitive touchscreen 5 inch, 800 x 480 tft lcd capacitive touchscreen,**



### More Images



## Product Description

### Product Description

800x480 TFT Display 5 Inch Capacitive Touch Screen LCD Panel For Industrial Device

Part Number:	ZH050TG50030V.C
Size:	5.0 inches
Resolution:	800x 3(RGB) x 480
Aspect ratio:	16:9
Module size:	120.7(W) x75.8(H) x3.0(D) mm
Viewing angle:	70/70/50/70
Operating temperatures:	-20 to 70
Storage temperature:	-30 to 80
Brightness:	500cd/m2
Interface:	40PIN RGB interface
Touch screen:	Capacitive touch panel
Interface:	I2C
Driver IC:	GT911
Structure:	G+G

**Overview:** This 5-inch TFT LCD display offers a resolution of 800x480 pixels, providing sharp and vivid visuals. Equipped with a capacitive touch screen, this module supports multi-touch gestures, ensuring a smooth and responsive user interface. The display is ideal for applications that require interactive controls and clear visuals in a compact form. Its high-resolution output, combined with the capacitive touch panel, makes it suitable for use in embedded systems, industrial controls, consumer electronics, and more.

### Key Features:

Screen Size: 5 inches (diagonal)

Resolution: 800x480 pixels, providing crisp, high-quality images

Display Type: TFT (Thin Film Transistor) LCD for bright and sharp color representation

Touch Panel: Capacitive touch screen, supporting multi-touch functionality (typically 5-point or 10-point touch)

Interface: RGB, SPI, or parallel interface for easy integration with various microcontrollers and processors

Backlight: LED backlight, offering good brightness for both indoor and outdoor environments

Color Depth: 16.7 million colors (24-bit color depth), delivering vibrant and accurate colors

Aspect Ratio: 16:9 widescreen format, making it ideal for multimedia and graphical interfaces

Viewing Angle: 60-70° horizontal/vertical (varies depending on panel), ensuring decent image quality from multiple angles

Brightness: Typically 250-400 cd/m², making the display suitable for most lighting conditions

Touch Sensitivity: Capacitive touch panel provides smooth, responsive touch input with multi-touch gestures, protected by a durable glass surface

Operating Voltage: 3.3V or 5V, depending on the controller

Driver IC: Compatible with controllers such as ILI9486, SSD1963, or similar

Operating Temperature: -20°C to 70°C, making it suitable for both indoor and outdoor industrial applications

Dimensions: Slim, compact, and lightweight, suitable for integration into portable and embedded devices

### Applications:

Industrial control systems

Handheld devices and portable instruments

Consumer electronics (e.g., smart home interfaces, tablets)

Automotive displays (navigation, infotainment)

Point-of-sale (POS) terminals and kiosks

Medical equipment

Home automation control panels

### Advantages:

**Capacitive Touch Screen:** Provides a modern, responsive, and accurate multi-touch experience, offering smoother gestures and durability compared to resistive touch panels

**High Resolution:** 800x480 pixel resolution delivers detailed and clear images, ideal for content with rich graphical interfaces

**Widescreen Format:** 16:9 aspect ratio fits modern content formats and UI layouts

**Energy Efficient:** Low power consumption with LED backlight, ideal for battery-powered devices

**Easy Integration:** Compatible with a wide range of interfaces and microcontrollers, including Raspberry Pi, Arduino, and STM32

**Compact and Durable:** Slim profile with durable capacitive touch glass cover, making it resistant to scratches and wear

This 5-inch TFT display with capacitive touch is perfect for embedded projects that need an interactive, high-quality display solution. It's ideal for handheld devices, control panels, consumer electronics, and industrial applications, providing both visual clarity and a user-friendly touch interface.

### Our Services

## TSO Our Advantage

### why choose us

 <b>PROFESSIONAL</b> We have in the production of razor supplies with 12 years of experiences	 <b>ONE-STOP</b> We have our own factory, professional equipment to insure production	 <b>PRICE</b> We will provide you the best price. It is the absolute value for money	 <b>OEM/ODM</b> OEM/ODM orders are welcomed, we are trying to meet all your needs	 <b>SERVICE</b> We have a comprehensive after-sales service with 24-hour service
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1. Replacement within 30 days after the shipment of products from us due to products' problems.
2. We can print your logo and stick your model No. on the cameras.
3. We have long cooperation with many shipping companies and our export volume is large. The shipping companies can offer us good discounts.
4. Professional technician supports. We have a good after-sales service team to solve your problems in time.
5. All goods will be inspected and tested before shipment.
6. Customer's satisfactory is most important to us. If you have any problem or questions regarding our transaction, please contact us by Trademanager or Email. It will be responded within 24 hours.

### Company Information

**ZhuoHong Electronic Technology** has been specializing in TFT LCD display and touch screen more than 10 years. There are 90% of our business is custom made display modules for projects such as industrial devices, medical and smart home applications. Our mission is to provide customer one-stop solution. With LCD display and touch screen as our product center, great trust is built with our customers.

### FACTORY SHOW



COG Automatic Plant



Bonding IC



Rubberizing



Sample production



Assembling



QC testing

### FAQ

Q: When can I get the quotation?

A: We usually quote within 12 hours after we got your inquiry.

If it is very urgent, please call us or contact us via email, Skype or WhatsApp.

Q: What is your warranty?

A: We provide one year warranty.

Q: May I buy samples from you?

A: Yes! You are welcome to place sample order to test our superior quality and service.

Q: How to place bulk order?

A: 1) Tell us model number, quantity, color and other special requirements.

2) Proforma Invoice will be made and sent to you for approval

3) Production will be arranged once get your payment or deposit.

4) Goods will be delivered as stated on the Proforma Invoice.

Q: How will you deliver my goods to me?

A: We provide as many shipping options as possible, such as DHL, UPS, FEDEX, TNT AND EMS to enable our customers get their goods rapidly at door. We also ship by economical method such as air cargo and sea cargo, direct line, air mail according to customers' request.

Q: What about the quality of your product?

A: We provide unrivaled quality: very rigorous testing process for incoming quality control, input process quality control, and final quantity control for every piece. We follow QC test procedure, and do 100% FQC to ensure your satisfaction.

Q: Can you provide OEM service?

A: Yes! We can provide professional OEM service.

Q: What payment method do you accept?

A: T/T(bank transfer), L/C and paypal

Q: Do you have any after-sales service?

A: Yes! Our product has professional after-sales service dept. Follow up R.M.A. Items service and upload product firmware and app for you download.

If you have any technical questions with the goods, please feel free to contact our technical support dept, or our sales directly.



**Shenzhen Zhuohong Electronic Technology Co., Ltd.**



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