



5inch Tft Capacitive Lcd TN Display 800x480 For Medical Device Screen GT911

Our Product Introduction

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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

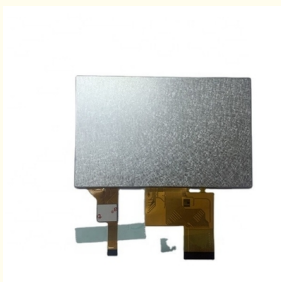


Product Specification

- Application: Medical Device
- Interface: 40pin RGB
- Type: Capacitive, 5" Tft Lcd
- Size: 120.7(W) X75.8(H) X3.0(D)mm
- Luminance: 500nits
- Active Area: 108(W) X64.8 (H) Mm
- Contrast Ratio: 16:9
- Touch Panel: Capacitive Touch Screen
- Resolution: 800x480
- Viewing Direction: 70/70/50/70
- Highlight: tn display 800x480, 5inch tn display, 5inch tft capacitive



More Images



Product Description

Product Description

5 " tft lcd TN display 800x480 40pin RGB Medical device screen with capacitive touch screen GT911

Part Number:	ZH050TG50030V.C
Size:	5.0 inches
Resolution:	800x 3(RGB) x 480
Aspect ratio:	16:9
Module size:	120.7(W) ×75.8(H) ×3.0(D) mm
Active area:	108(W) ×64.8 (H) 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
Case:	Metal bracket

Overview: This 5-inch TFT LCD display combines a high-resolution 800x480 pixel panel with capacitive touch technology, providing precise and responsive touch functionality. Utilizing TN (Twisted Nematic) technology, this display offers fast response times, making it perfect for real-time applications such as industrial controls, handheld devices, and multimedia interfaces. The capacitive touch screen allows for multi-touch gestures and a smooth user experience, which is ideal for modern, interactive applications.

Key Features:

Screen Size: 5 inches (diagonal)

Resolution: 800x480 pixels, providing sharp and detailed images

Display Type: TFT (Thin Film Transistor) LCD with TN (Twisted Nematic) technology

Touch Panel: Capacitive touch screen, supporting multi-touch gestures (typically 5-point touch)

Interface: 24-bit RGB interface for the display, I²C interface for the touch panel

Backlight: LED backlight for high brightness, ensuring excellent visibility in various lighting conditions

Color Depth: Supports 16.7 million colors (24-bit color depth)

Aspect Ratio: 16:9 widescreen format, perfect for modern UI designs and multimedia content

Viewing Angle: TN panel offers 60-70° horizontal and vertical viewing angles

Brightness: Typically 350-500 cd/m², ensuring clear visibility in both indoor and outdoor settings

Touch Sensitivity: Highly responsive capacitive touch panel with glass protection, offering smooth and accurate touch input

Operating Voltage: 3.3V or 5V (depending on the display controller and touch panel interface)

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

Dimensions: Slim and compact design for easy integration into devices

Applications:

Industrial automation and control systems

Medical devices and instruments

Automotive displays (navigation, dashboard, entertainment systems)

Consumer electronics such as tablets, smart home devices, and multimedia players

Point-of-sale (POS) systems

Handheld consoles or portable controllers

Our Services



why choose us



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 10years. 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

Company Products Main Application



Industrial meter



BPG



POS machine



Washing machine



Thermometer



Calculator



Car speedometer



GPS tracker



Electric cooker



Hair curler



Fuel dispenser



Watch

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.



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