



RGB Touch Display 7 Inch 1024x600 High Resolution IPS TFT Lcd with 1000 cd/m2 Brightness

Our Product Introduction

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Basic Information

- Brand Name: Chenghao Optoelectronic
- Certification: CE 、 RoHS、 FCC
- Model Number: CH700WS17F-CTG
- Minimum Order Quantity: 100 Pcs
- Packaging Details: All The Products Are Packed In Right Way To Keep It Safe. For Small Sizes Of Products We Use Tray + Carton, For Bigger Sizes We Use Foam Slot + Carton. We Also Design Packages According To Customers' Requirements
- Delivery Time: 3~7 Days
- Payment Terms: TT Or Others
- Supply Ability: 50000000 Pcs/month



Product Specification

- Viewing Direction: 80/80/80/80
- Number Of Dots: 1024x600 Dots
- Viewing Area Size: 154.81x86.52 Mm
- Display Mode: IPS/Transmissive/Normally Black
- Backlight Brightness: 1000cd/m2 (300~1500 Optional)
- Lcd Interface: RGB (HDMI/SPI/MCU/RGB/LVDS/MIPI... (Optional))
- Module Size: 190x121x8.35 Mm
- Backlight Type: White LED
- Highlight: 7 inch RGB touch display, IPS TFT LCD high resolution, 1000 cd/m2 brightness LCD



More Images





Product Description

Product Description:



The CH700WS17F-CTG is a high-performance 7-inch IPS (In-Plane Switching) TFT-LCD display module designed for applications requiring superior visual quality and touch functionality. With a brightness of 1000 cd/m², this module ensures clear visibility even in bright ambient light conditions, making it suitable for outdoor and industrial use.

The display boasts a resolution of 1024x600 pixels, providing sharp and vibrant images. Its wide viewing angles of 80/80/80/80 degrees allow for excellent visibility from different perspectives, which is crucial in multi-user environments or applications where screens are viewed from varying angles.

This model comes equipped with a capacitive touch panel (CTP) that utilizes the GT911 IC for precise and responsive touch control. The touch interface operates over an IIC (Inter-Integrated Circuit) connection, simplifying integration with various hardware systems. The capacitive touch technology enables users to interact with the screen effortlessly, enhancing user experience through smooth, gestures-supported operation.

The CH700WS17F-CTG operates within a temperature range of -20 to +70 degrees Celsius, ensuring reliability in diverse environmental conditions. Additionally, it features a robust construction with a 1.8mm glass lens and 0.55mm ITO glass, providing durability while maintaining a lightweight profile. Customization options are available, allowing clients to tailor the display to their specific needs. These include adjustments in FPC design, interface options, backlight brightness, and more, catering to unique application requirements across industries. The RoHS compliance further ensures that the product adheres to environmental safety standards. In summary, the CH700WS17F-CTG is a versatile display solution that combines high brightness, excellent touch performance, and customizable features, making it ideal for various industrial and consumer applications.



Features:

Product Name: LCD Display Module

Backlight Type: White LED

Display Mode: IPS/Transmissive/Normally Black

Backlight Brightness: 1000 cd/m² (300~1500cd/m² Optional)

Glass Cover Thickness: 1.8 mm (Supports Customized Designs for Thickness, Shape, Etc.)

Operating Temperature: -20 to +70 (-30 to +80 Optional)

High-quality Thin Film Transistor Display Module technology for superior image clarity

Custom LCD Module options available to meet specific project requirements

Reliable Liquid Crystal Display Screen with excellent viewing angles and color reproduction

Technical Parameters:

Viewing Direction	80/80/80/80
Storage Temperature	-30 to +80 (-40 to +90 Optional)
Number of Dots	1024x600 Dots
FPC Pin Number	40 Pins (Supports Custom Design Of Shape/Structure, Etc.)
Active Area Size	154.21 x 85.92 mm
Operating Temperature	-20 to +70 (-30 to +80 Optional)
Backlight Type	White LED
Glass Cover Thickness	1.8 mm (Supports Customized Designs For Thickness, Shape, Etc.)

Q6: What payment terms does Chenghao Optoelectronic accept?

A6: Payment terms accepted include TT (Telegraphic Transfer) or other agreed methods.

Q7: What is the monthly supply capacity for this LCD Display Module?

A7: Chenghao Optoelectronic can supply up to 50,000,000 pieces per month.



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