



Factory Custom 3.5 Inch TFT LCD Touch Display With Capacitive Touch Panel

Our Product Introduction

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Basic Information

- Place of Origin: China Shenzhen
- Brand Name: Chenghao Optoelectronic
- Certification: RoHS CE FCC
- Model Number: CH350HV37A-CTC
- 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
- Supply Ability: 300K pcs/month



Product Specification

- Product Name: 3.5 Inch Tft Lcd Touch Display
- Viewing Area: 49.76*74.24 Mm
- Viewing Direction: 6 O'clock
- Touch Type: Capacitive
- Display Mode: TN/Normally White/Tranmissive
- FPC Pin Numbers: 50 Pins
- Operating Temperature: -20°C~70°C
- Size: 3.5 Inch
- Highlight: **Capacitive Touch TFT LCD Touch Display , 3.5 Inch TFT LCD Touch Display**



More Images





Product Description

Product Description:

Small LCD Touch Screen - 3.5 Inch Tft Lcd Touch Display

Product Overview

The 3.5 Inch Tft Lcd Touch Display is the perfect solution for those looking for a small touchscreen LCD with a high-quality display.

Product Name	3.5 Inch Tft Lcd Touch Display
Luminance	280 Cd/m2
Resolution	320*480 Pixels
Storage Temperature	-30°C~80°C
Size	3.5 Inch

CH350HV37A-CTC is a 3.5-inch color LCD display produced by Chenghao Optoelectronics. The display uses 3.5-inch TFT+CTP LCD technology with a resolution of 320*480 pixels, which can provide clear image display.

CH350HV37A-CTC supports transmissive/TN/normal white display mode. The viewing angle is at 6 o'clock. Users can get a clear viewing experience in specific directions. In addition, the display uses ILI9488 LCD driver IC, which has stable and reliable performance. The display has an operating temperature range of -20°C to +70°C, is suitable for wide temperature environments, and can be stored in an environment with a temperature range of -30°C to +80°C. Its brightness is 280 cd/m2, which provides a bright display effect. The module size of CH350HV37A-CTC is 66.54*94.96*4.56 mm, the viewing area size is 49.76*74.24 mm, the effective display area is 48.96*73.44 mm, and it has 50 FPC pins. The touch type is capacitive, and the touch panel interface is I2C, which can realize touch functions.

Features:

Small Touchscreen LCD - The 3.5 inch size makes it perfect for compact devices such as handheld devices, portable game consoles, and more.

High-Quality Display - With a luminance of 280 Cd/m2 and a resolution of 320*480 pixels, this small LCD touch screen display offers a crystal-clear and vibrant viewing experience.

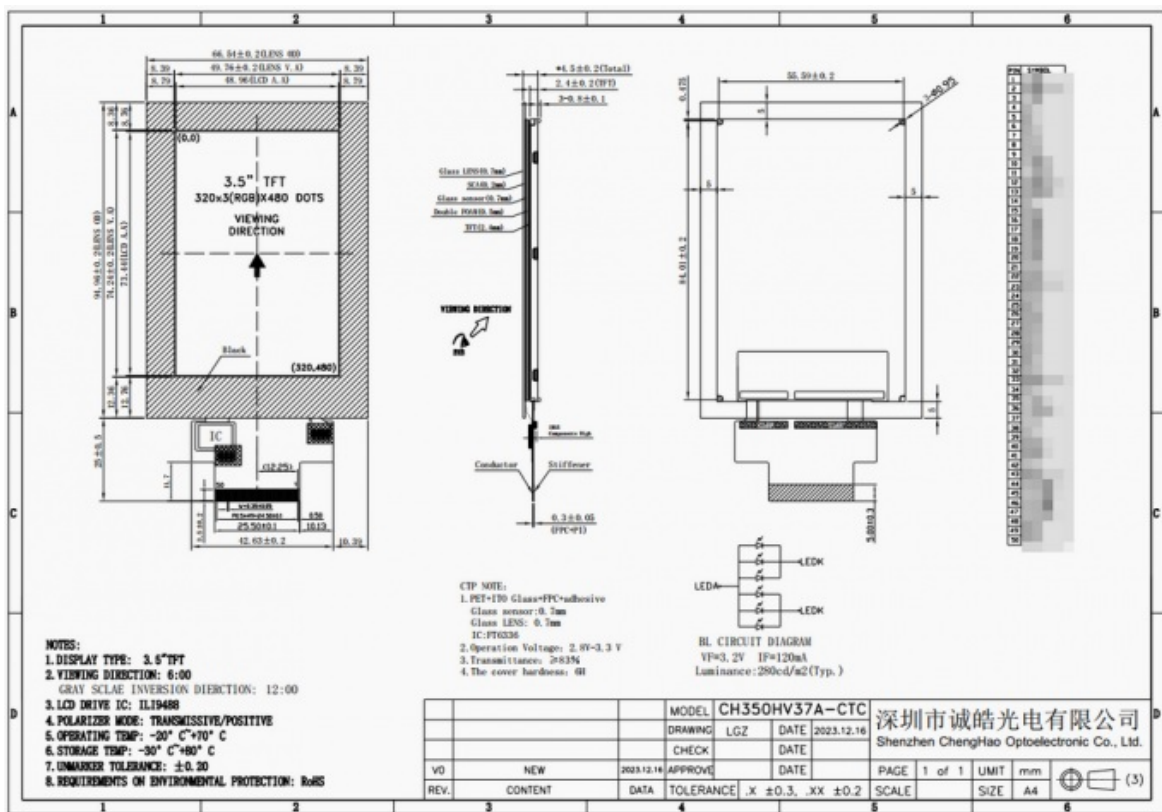
Easy to Use - The touchscreen feature allows for an intuitive and user-friendly interface, making it easy for users to navigate and interact with the device.

Versatile - This small LCD touchscreen monitor can be used in a wide range of applications, including industrial control systems, medical equipment, and more.

Durable - With a Operating temperature range of -20°C~70°C, this display is designed to withstand extreme temperatures and harsh operating conditions.

Technical Parameters:

Product Name	Small LCD Touch Screen
Storage Temperature	-30°C~80°C
Contrast Ratio	500:1
Driver IC	ILI9488
Display Mode	TN/Normally White/Transmissive
Viewing Direction	6 O'clock
Active Area	48.96*73.44 mm
Viewing Area	49.76*74.24 mm
FPC Pin Numbers	50 Pins
Color	65K/262K
Touch Panel Interface	I2C



Applications:

Small LCD Touch Screen - Perfect for Any Application

Are you looking for a small, high-quality touch screen for your electronic device? Look no further than the Chenghao Optoelectronic CH350HV37A-CTC model. This small LCD touch screen is perfect for a wide range of applications and is sure to meet all of your needs with its advanced features and exceptional performance.

The 3.5 Inch Tft Lcd Touch Display is suitable for a variety of applications, including but not limited to:

- Handheld Devices
- Portable Game Consoles
- Industrial Control Systems
- Medical Equipment
- Consumer Electronics

In conclusion, the 3.5 Inch Tft Lcd Touch Display is the perfect choice for those in need of a small touchscreen LCD with a high-quality display. Its compact size, easy-to-use interface, and durable design make it a versatile and reliable option for various applications.

Customization:

Chenghao Optoelectronics Company provides various forms of product customization services to meet customers' individual needs and specific application scenarios. The following is a detailed introduction to product customization services:

1. Module customization service:

Chenghao Optoelectronics provides customized services for display modules, including but not limited to the following:

- FPC customization: Redesign the shape and structure of the FPC according to the customer's project needs to ensure that it perfectly fits the installation equipment.
- Backlight design: Provides backlight components with a maximum brightness of 2800 cd/m², and customers can choose the appropriate brightness according to actual needs.
- Module interface customization: According to customer needs, the display module can define interface types, including SPI, MCU, RGB, MIPI, LVDS, HDMI, etc.
- Customization of touch solutions: Provide capacitive touch solutions and resistive touch solutions, and design touch glass covers that meet the requirements of glass thickness, hardness, shape, etc. according to the needs of the application equipment.

2. Packaging customization services:

Chenghao Optoelectronics can customize product packaging according to customer requirements. Customers can choose to change the packaging method and use customer-specified shipping methods to meet their specific packaging needs.

3. Transportation customization services:

Chenghao Optoelectronics also provides customized transportation services. To prevent damage to the display module during transportation, all shipping boxes meet export hardness standards and are padded with foam inside. At the same time, according to the customer's requirements, we can package according to their designated transportation method.

Chenghao Optoelectronics also provides a series of after-sales guarantee measures to ensure customer satisfaction and product quality. We provide one-year product after-sales warranty service and provide remote online technical support for technical problems encountered by customers during testing or use. We have a professional after-sales service team that can provide strong guarantee and logistics technical services for customer orders. In addition, our products undergo strict quality inspection and testing and obtain CE/ROHS certification. We have long-term cooperative relationships with several express logistics companies and can provide customers with discounts.

In short, Chenghao Optoelectronics Company provides a variety of product customization services, including module customization, packaging customization and transportation customization services. We are committed to providing customers with unique innovative, high-quality products and satisfactory after-sales services to meet their individual needs and specific application scenarios.

About Chenghao Optoelectronic:

Chenghao Optoelectronics is a company established in 2016 and headquartered in Shenzhen, China. The company's business scope covers the development and material processing of LCD/LCM modules/CTP touch screens. Over the years, Chenghao Optoelectronics has developed thousands of LCD and LCM products for industry, home appliances, consumer electronics, medical equipment and other fields, and is committed to providing customers with unique, innovative, market-leading modules and solutions.

In terms of quality management, Chenghao Optoelectronics follows the highest quality management standards and has obtained various certifications, demonstrating its commitment to excellence and customer satisfaction, including ISO certification, CE certification, and ROHS certification.

For product packaging, Chenghao Optoelectronics uses export hardness standard transport boxes and adds foam inside to prevent screen damage. The packaging method takes into account the safety of the product and can also be customized according to customer requirements.

In short, CH350HV37A-CTC is a high-quality, stable and reliable 3.5-inch color LCD display with good display effect and touch function. As a manufacturer, Chenghao Optoelectronics is committed to providing unique and innovative LCD solutions and putting quality, environment and customers first to provide customers with excellent products and services.



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