



10.4 Inch TFT LCD Display 16M Colors 800x600 Resolution LCD Manufacturer

Our Product Introduction

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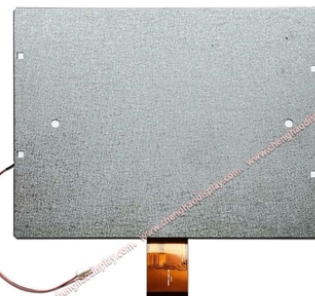
Basic Information

- Place of Origin: China
- Brand Name: chenghao optoelectronic
- Certification: CE, ISO9001, Rose, SGS
- Model Number: CH104SV01A
- 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: T/T, AliPay, PayPal
- Supply Ability: 50000000 pcs/month



Product Specification

- Product Name: 10.4 Inch TFT LCD Display
- Brightness: 300 Cd/m2
- Display Area Size: 10.4 Inch
- Connector Pin Number: 60 Pins
- Active Area: 211.2*158.4 Mm
- Operating Temperature: -20 ~+70 °C
- Response Time: 16 Ms
- Interface: RGB
- Lifetime: 50,000 Hours
- Highlight: 10.4 Inch TFT LCD Display,
16M Colors TFT LCD Display,
800x600 Resolution TFT LCD Display



More Images





Product Description

Product Description:

ChengHao Display model CH104SV01A is a full color active matrix Thin Film Transistor (TFT) Liquid Crystal Display (LCD) that utilizes amorphous silicon TFT as a switching device. This model is comprised of a TFT LCD panel, a driving IC, a back-light and FPC. This TFT LCD has a 10.4-inch diagonally measured active display area with a 800*600*3-RGB resolution. The driver used for this project is the *** or compatible and can display 16M colors by R.G.B. signal input. The driver is mounted on the glass and has interconnection via FPC which includes components to drive the display module. It supports RGB interface. In addition, the FPC can be customized according to customer requirements. Back-light and FPC structure, interface definition, etc. can all be modified as per the client's specifications. The CH104SV01A model is RoHS compliant and halogen free, further enhancing its environmental friendliness.

Features:

CH104SV01A

As a cost-effective LCD panel, CH104SV01A has the following two significant features:
Super Long Service Life

An important indicator to measure the service life of LCD is the brightness indicator of backlight LED. As the monitor is used over time, the backlight brightness will gradually decrease. When the backlight brightness is reduced to half of its original brightness, the time it takes is the life of the backlight. The backlight service life of most LCD monitors on the market is 20000~30000H. Chenghao Optoelectronics CH104SV01A backlight has a service life of up to 50000H, which greatly extends the service life of the LCD monitor.

Resistant to Wide Temperature Environment

In order to improve the environmental adaptability of the display module, our engineers adopted a wide-temperature resistant design for CH104SV01A, which allows the display to run smoothly in an environment of -20~+70°C and easily cope with various harsh environments.

Technical Parameters:

The display name for this panel is 10.4 Inch TFT Lcd Display Panel. It is a type of TFT Lcd display with a 10.4 inch size screen. The display mode is TN/Transmissive/Normally Black which indicates the type of technology used to create the display. The resolution of this panel is 800*600 dots which refers to the number of individual pixels that make up the display. This display also has an RGB interface which is the method used to connect it to other devices. When it comes to brightness, this panel boasts a maximum brightness of 300cd/m2 which gives great visibility under different lighting conditions. The color depth is 16M which means it is capable of reproducing over 16 million different colors accurately. In terms of contrast, it has a ratio of 500:1 which is great for displaying clear images.

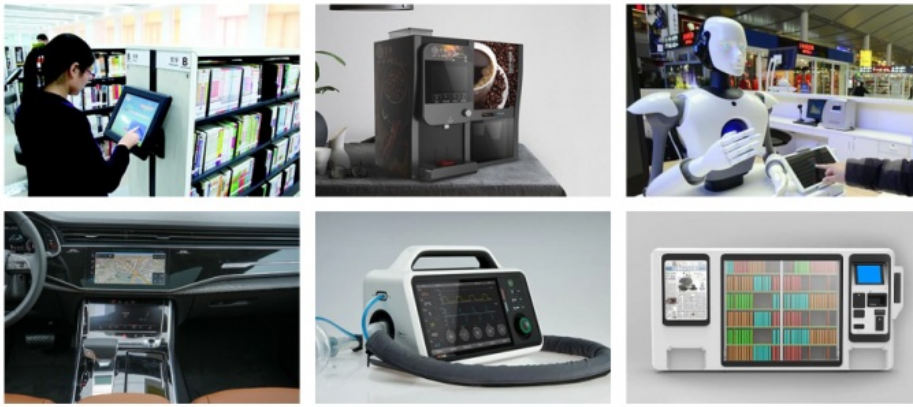
Module No	CH104SV01A
Resolution	800*600 dots
Interface	RGB
Brightness	300 cd/m2
FPC Pin Number	60pins
Viewing Direction	12:00
Operating Temperature	-20 ~ +70 °C

If you're interested in its physical specifications, the outline size of this panel is 228.4*175.4*5.9 mm. The viewing area is 211.8*159 mm which refers to the actual part of the screen that can be seen. The active area of this display is slightly smaller at 211.2*158.4 mm which is the portion of the screen that contains the pixels to display images.

Finally, this display is designed to operate within a temperature range of -20~+70 °C, and can be stored within a temperature range of -30~+80 °C. These temperature specifications ensure the longevity and optimal performance of the panel in various environments.

Applications:

The CH104SV01A is a traditional LCD display that can be utilized in a variety of industries such as automotive transportation, medical equipment, industrial control, artificial intelligence, home appliances, and Internet of Things (IoT) devices. Typical instances where this display is used include automobile central control systems, industrial operating consoles, AI robots, smart refrigerators, elevator equipment, and medical B-ultrasound machines.



Customization:

Thank you for your interest in Chenghao Optoelectronic products. We are honored to provide you with customized services to meet your specific needs. Here are our product customization instructions:

Module customization

Our display module customization services include but are not limited to the following:

FPC customization: Redesign the shape and structure of the FPC according to the customer's project needs to perfectly fit the installation equipment.

Backlight design: We can provide backlight components with a maximum brightness of 2800 cd/m². Customers can choose the appropriate brightness according to actual needs.

Module interface customization: Our display module can define the interface type according to customer requirements. Supported interface types include SPI, MCU, RGB, MIPI, LVDS, HDMI, etc.

Touch solutions: For customers with touch interaction needs, we provide capacitive touch solutions and resistive touch solutions. Among them, the core of the capacitive touch solution is to design a glass cover that matches the application equipment to meet the glass thickness and hardness requirements.

Packaging customization

Our products are packaged in the following manner to ensure that the display module is not damaged during transportation:

All shipping boxes meet export hardness standards.

All cases will be filled with foam inside to prevent screen damage.

Our product packaging uses small boxes inside large boxes.

Each box weighs no more than 3.5kg and dimensions may vary according to standards. We will use pallets or wooden frames to transport the goods.

Of course, we can also customize packaging according to customer requirements.

Our product customization services are designed to meet customers' individual needs and provide high-quality products and services. Our products have passed strict quality inspection and testing and obtained CE/ROHS certification. Our after-sales service team will provide you with strong guarantee and logistics technical services. Our manufacturing processes adhere to the highest quality management standards and are committed to protecting the environment and complying with international standards.

FAQ:

Q: What is the brand name of the TFT LCD Display?

A: The brand name of the TFT LCD Display is chenghao optoelectronic.

Q: What is the model number of the TFT LCD Display?

A: The model number of the TFT LCD Display is CH104SV01A.

Q: What is the place of origin of the TFT LCD Display?

A: The place of origin of the TFT LCD Display is China.

Q: What certifications does the TFT LCD Display have?

A: The TFT LCD Display has the following certifications: CE, ISO9001, Rose, SGS.

Q: What is the minimum order quantity for the TFT LCD Display?

A: The minimum order quantity for the TFT LCD Display is 1 piece.

Q: What are the packaging details for the TFT LCD Display?

A: All the products are packed in the 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.

Q: What is the delivery time for the TFT LCD Display?

A: The delivery time for the TFT LCD Display is 3 to 7 days.

Q: What are the payment terms for the TFT LCD Display?

A: The payment terms for the TFT LCD Display are T/T, AliPay, and PayPal.

Q: What is the supply ability for the TFT LCD Display?

A: The supply ability for the TFT LCD Display is 50000000 pieces per month.



Shenzhen ChengHao Optoelectronic Co., Ltd.



+86 755-27806536



add@chenghaolcm.com



chenghaolcd.com

7th floor, building C5, Hengfeng Industrial City, Hangcheng street, Bao'an District, Shenzhen