



Sunlight Readable Tft Lcd Touchscreen 1000cd/M2 7 Inch High Brightness Color Display

Our Product Introduction

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Basic Information

- Place of Origin: China Shenzhen
- Brand Name: Chenghao Optoelectronic
- Certification: CE RoHS FCC
- Model Number: CH700WS10E-CTA
- Minimum Order Quantity: No Moq
- 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: 20000000 pcs/month



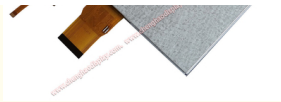
Product Specification

- Product Name: Tft Lcd Touchscreen
- Display Mode: IPS/Transmissive/Normally Black
- Touch Panel Interface: IIC
- Lcd Interface: RGB
- Operating Temperature: -20 ~ +70°C
- Touch Type: Capacitive
- Lcd Type: 7" TFT + CTP
- Storage Temperature: -30 ~ +80°C
- Resolution: 1024*600 Dots
- Highlight: 7 Inch TFT Lcd Touchscreen,
Sunlight Readable TFT Lcd Touchscreen,
1000cd/M2 TFT Lcd Touchscreen



More Images





Product Description

Product Description:

<p>CH700WS10E-CTA is a high-performance 7-inch IPS TFT LCD touch screen designed for a variety of application scenarios. With a resolution of 1024x600, the module can provide clear and delicate image display, suitable for devices that require high visual quality. Its brightness is up to 1000 cd/m², ensuring that it can still be read in strong light environments, especially suitable for outdoor use. The module adopts IPS technology and supports wide viewing angles (80/80/80/80), so that the colors remain true when viewed from different angles.</p>		
<p>CH700WS10E-CTA is equipped with a capacitive touch panel with good touch sensitivity, suitable for various human-computer interaction applications. Its operating temperature range is -20°C to +70°C, and the storage temperature range is -30°C to +80°C, ensuring stability in extreme environments. In addition, the module supports a variety of customization options, including backlight brightness, interface type and touch panel design to meet the needs of different customers, and is widely used in industrial control, medical equipment and smart home.</p>		

Features:

7.0-inch IPS vertical screen design: Using IPS technology and normal black mode, it presents high-contrast images with accurate color reproduction, suitable for scenes with strict display requirements.

Ultra-high brightness and wide viewing angle: With a typical brightness of 1000cd/m², it remains clearly visible under strong light; the 160° full viewing angle design ensures that the image is uniform when viewed from multiple angles.

Wide temperature range adaptability: It supports a wide operating temperature range of -20°C to 70°C, and the storage temperature range is extended to -30°C to 80°C, which can adapt to high temperature difference environments such as outdoor and industrial environments.

Capacitive touch and precise response: The capacitive touch screen equipped with the GT911 chip supports multi-touch, and the operation is sensitive and precise, which enhances the human-computer interaction experience.

Lightweight and sturdy Touch Cover: It adopts a composite design of 0.7mm glass lens and ITO glass, with a surface hardness of 6H, which is both light and scratch-resistant.

High transmittance and energy-saving design: The optical transmittance of the touch glass cover is ≥87%, and the picture is transparent and natural; the touch panel supports a wide voltage input of 2.8V-3.3V, with strong compatibility and optimized power consumption.

Stable interface configuration: Integrated RGB signal interface and I2C touch control interface to ensure stable data transmission and facilitate device integration and development.

Environmental protection and reliability: It has passed RoHS environmental certification and complies with international standards; the structure is compact and has been strictly tested to ensure long-term stability.

Technical Parameters:

Brightness	1000 Cd/m ² Luminance
Touch Type	Capacitive
Touch Panel Interface	IIC

Support and Services:

At Chenghao Optoelectronic, we are committed to providing excellent support and services to our customers, ensuring that every customer has the best experience when using the CH700WS10E-CTA LCD touch screen. Our support services include the following aspects:

Technical consultation: Before customers choose CH700WS10E-CTA, our technical team provides professional consulting services to help customers understand the product's functions and application scenarios. We will recommend the most suitable solution based on the specific needs of customers to ensure the successful implementation of their projects.

Customization service: We understand that the needs of each customer may be different, so we provide a variety of customization options. Customers can adjust the backlight brightness, interface type, touch panel design, etc. according to their project requirements to ensure that the product can perfectly adapt to their application environment.

Online technical support: During the use of the product, customers may encounter technical problems. Our technical support team provides online help to answer customers' questions at any time to ensure that they can use the CH700WS10E-CTA module smoothly. We are committed to responding to customer needs quickly and providing effective solutions.

Quality assurance: Our products undergo rigorous quality inspection and testing to ensure their performance and reliability. CH700WS10E-CTA will be fully inspected before shipment to ensure that each module meets our high standards.

After-sales service: We provide one year of after-sales service guarantee for all customers who purchase CH700WS10E-CTA. If any quality problems occur during this period, we will provide replacement services to ensure customer satisfaction.

Logistics and delivery: We work with multiple logistics companies to provide efficient transportation services. Our logistics team ensures the safety of products during transportation and promptly updates customers on order status to ensure that customers can always understand the transportation status of their products.

Through the above comprehensive support and services, Chenghao Optoelectronic is committed to providing customers with a worry-free purchasing experience, ensuring that every customer can take full advantage of the CH700WS10E-CTA and promote the success of their projects.

FAQ:

Q: What is the brand name of this TFT LCD Capacitive Touchscreen?

A: The brand name is Chenghao Optoelectronic.

Q: What is the model number of this TFT LCD Capacitive Touchscreen?

A: The model number is CH700WS10E-CTA.

Q: Where is this TFT LCD Capacitive Touchscreen manufactured?

A: This product is manufactured in China, specifically in Shenzhen.

Q: What certifications does this TFT LCD Capacitive Touchscreen have?

A: This product is certified with CE, RoHS, and FCC.

Q: What is the minimum order quantity for this TFT LCD Capacitive Touchscreen?

A: There is no minimum order quantity (MOQ) required for this product.



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