



800*480 Capacitive TFT LCD Display 5.0 Inch 40pin Free Viewing Angle

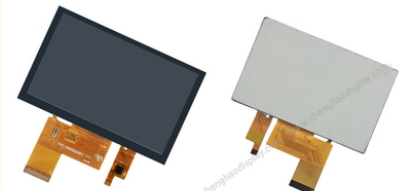
Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH500WV05E-CT
- Minimum Order Quantity: 100 pcs
- Price: /
- 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: 7-15 working days
- Payment Terms: T/T
- Supply Ability: 300Kpcs/month



Product Specification

- Product Name: TFT Touch Screen Display
- LCM Type: 5.0 Inch TFT+CTPP
- Resolution: 800*480
- Display Mode: Normally Black/IPS/Transmissive
- Viewing Direction: 80/80/80/80
- Back Light: 600 Cd/m2
- Storage Temperature: -30 ~ +80
- FPC Pin Number: 40pin
- Highlight: Capacitive TFT LCD Display , Free Viewing Angle TFT LCD Display , IPS Capacitive Touch Screen Module



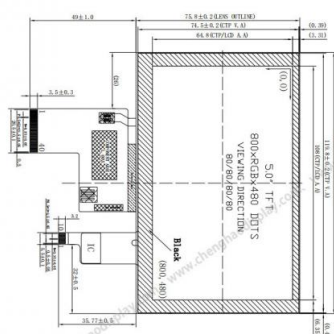
Product Description

800*480 Capacitive TFT LCD Display 5.0 Inch 40pin Free Viewing Angle

800*480 Capacitive Touch Screen Module 5.0 inch 40pin free viewing angle

Specification of IPS TFT Touchscreen

Product Name	5.0 inch TFT LCD Module
Module No	CH500WV05E-CT
LCM Type	5" TFT+CTP
Display Mode	Transmissive/IPS/Normally Black
Number of Dots	800*RGB*480
Viewing Direction	80/80/80/80
Luminance	600 cd/m2
Operating Temp	-20 ~ +70
Storage Temp	-30 ~ +80
FPC Pin Number	40pin



Description of Sunlight Readable LCD Display

Chenghao Optoelectronic CH500WV05E-CT is a 5 inch High Brightness Touch Screen module. The touch screen module has a horizontal screen display area with a diagonal length of 5 inches, which can display full-color images of 800*480 pixels. The surface of this touch screen module is equipped with a capacitive touch panel that supports I2C interface and supports multi-touch. In order to improve the user's reading experience on the screen, this display module uses IPS/Transmissive/Normally Black display mode, the best viewing angle reaches 80/80/80/80, which allows users to read the display in a more flexible and free way content on the screen.

Thanks to the 600 cd/m2 backlight luminance design, the CH500WV05E-CT has a certain Sunlight Readable capability, which can be clearly displayed in an outdoor low-light environment.

It is worth mentioning that, as a color lcd module independently designed and produced by Chenghao Optoelectronic, CH500WV05E-CT can be modified and customized completely according to customer requirements. The customized content includes TFT interface customization, backlight luminance modification, and FPC shape structural design, etc.

Quick Detail of IPS TFT Touchscreen

Keyword *High Brightness LCD Display*

Module No *CH500WV05E-CT*

LCD Type *5\"TFT+CTP*

Display Mode *IPS/Transmissive/Normally Black*

Viewing Direction *Free Viewing Direction*

Color *16M*

Contrast *800:1*

Luminance *600cd/m2*

Operating Temp *-20~+70*

Storage Temp *-30~ +80*

Module Size *120.7*75.8*4.35 mm*

Active Area *108*64.8 mm*

FPC Pin *40pin*

CTP NOTE:

PET+ITO Glass+FPC+adhesive

ITO GLASS:0.7mm

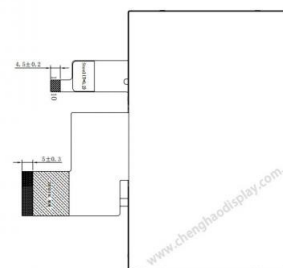
LENS: PET 0.25mm

IC:GT911

Operation Voltage:2.8V-3.3 V

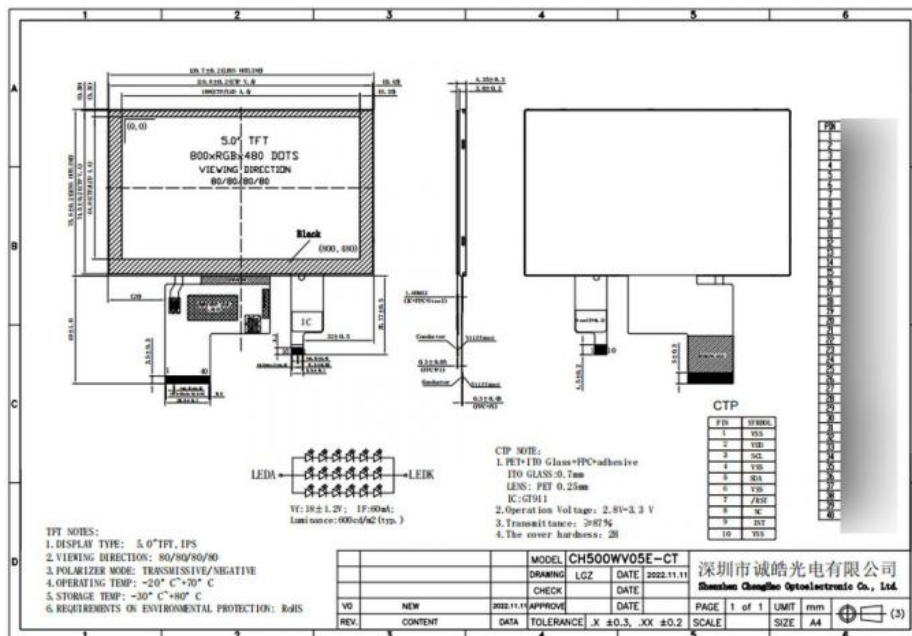
Transmittance:≥87

The cover hardness:2H



Application of High Brightness LCD Display

CH500WV05E-CT is a full color touch screen lcd display module individually designed and customized by Chenghao Optoelectronic for customers. It can provide customers with CE, RoHS certificates and one-year warranty service. All of our lcd products can be widely used in various electronic devices that need to display a color view, including pos machines, children's companion reading machines, car central control, smart coffee machines, 3D printers, heart rate monitors, industrial control equipment, instruments and meters, etc. .



FAQ

A: How is your company's reputation?

We, Chenghao Optoelectronic, are an integrated industry and trade enterprise established for many years, and have been committed to providing customers with high-quality LCD display solutions. We have our own TFT Lcd manufacturing plant, R&D technical department team, sales team, and have passed ISO9001 certification, it is our responsibility to provide you with reliable products and services.

A: How to guarantee the quality of your products?

All of our products have obtained CE, FCC, RoHS certificates and passed professional testing and inspection. We also provide professional, one-to-one, 24-hour online customer service, as well as remote online technical support from engineers to ensure you get the best experience. Our products enjoy a one-year warranty, and you can have complete confidence in the quality of our products.

A: What is the price of your products?

The price offered by us at Chenghao Optoelectronic is very favorable because we source raw materials directly from factories and have a large-scale production line, which allows us to offer favorable prices to our customers. At the same time, we also have a long-term and stable supply to ensure that you can obtain a stable supply of products.

A: What services can I enjoy?

We provide one-to-one, 24-hour online customer service, you can consult our customer service staff anytime, anywhere for product information, quality assurance and other issues. We also provide engineers with remote online technical support, you can easily solve the problems you encounter with our technical support. In addition, our products also enjoy one-year warranty service, and you can enjoy perfect after-sales service.

A: Does your factory support customized service?

Yes, our factory in Chenghao Optoelectronic supports customized service. Our engineers can directly connect with customers, participate in the formulation of customer display solutions, and assist in solving customer problems. If you have customized needs, we can provide you with professional technical support and solutions.

A: How can I confirm your credibility and reliability?

We, Chenghao Optoelectronic, are an integrated industry and trade enterprise established for many years, and have been committed to providing customers with high-quality LCD display solutions. We have gained the trust and support of many customers and have been recognized in the industry. If you have any doubts about our credibility and reliability, please feel free to check our order history and user reviews.

A: How do your products and services address customers' concerns?

We attach great importance to customer concerns and satisfaction, so we provide a professional customer service team and engineers remote online technical support, so that customers can easily solve problems when using our products and services. In addition, we also strictly control product manufacturing and service quality to ensure that customers can enjoy the best experience.

A: How can I establish a cooperative relationship with your company?

We are very willing to establish a cooperative relationship with potential customers. If you are willing to contact us, please send us your contact information. Our sales team will get in touch with you in time and provide more comprehensive product information and high-quality services.



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