



## 5 Inch Hight Brightness Color LCD Screen 800x480 1200 Nits 40pin LCD Display Module

### Our Product Introduction

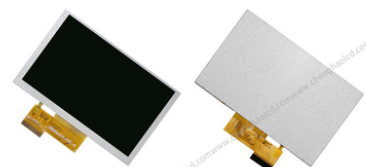
#### Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH500WV10A
- Minimum Order Quantity: 100 pcs
- Price: Negotiation
- 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: 5 Inch Hight Brightness Color LCD Screen
- LCD Type: 5.0" TFT
- Dot Arrangement: 800\*480
- Display Mode: IPS/ Transmissive
- Viewing Direction: 80/80/80/80
- Interface: RGB
- Operating Temp: -20~+70 °C
- Storage Temp: -30~+80 °C
- Highlight: IPS Transmissive Color LCD Screen, Color LCD Screen 1200 nits, 40pin LCD Display Module



## Product Description

### 5 Inch Hight Brightness Color LCD Screen 800x480 1200 Nits 40pin LCD Display Module

#### 1. Specification

Module type	5.0"TFT
Display Mode	ips /Transmissive/Normally BLACK
Number of Dots	800*480
Viewing Direction	80/80/80/80
Module size	120.7(W)×75.8(H)×3.0(T) MM
TFT Active area	108(W)×64.8(H) MM
TFT Dot pitch	0.135(W)×0.135(H) MM
Interface	24-bit RGB
Backlight Type	White LED
Luminance	1200 cd/m2

#### 2. Description

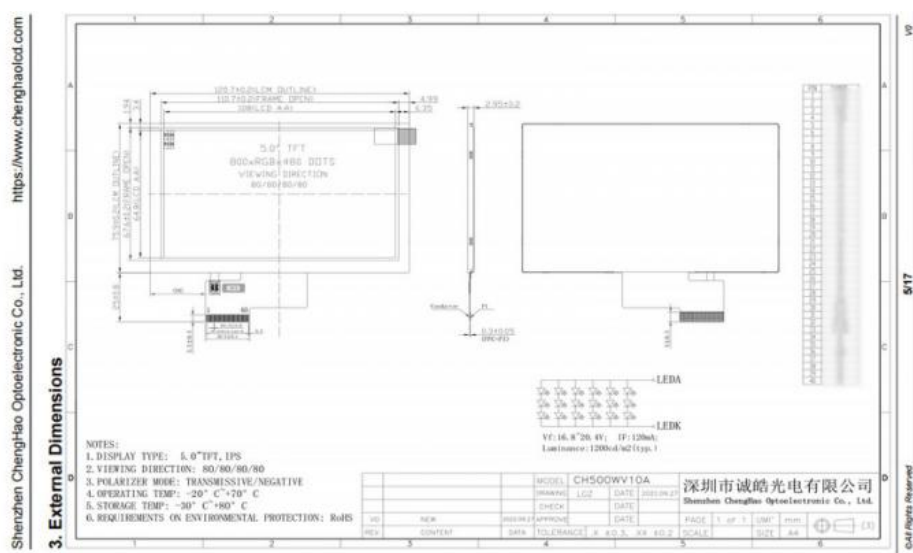
Chenghao Optoelectronic CH500WV10A is a 5 inch hight brightness color LCD screen used in detection instruments. When  $I_f=180$  mA, the brightness of this hight brightness color LCD screen can reach 1200 cd/m<sup>2</sup>, and users can still clearly read the content on the screen when using it under strong light outdoors. In order to improve the readability of the screen, CH500WV10A uses IPS display technology, the viewing angle reaches 80/80/80/80, and users can clearly browse the content on the screen from any viewing angle.

CH500WV10A is a color LCD screen with excellent performance, which supports RGB interface. There is a 5.0 inch color LCD display area of this hight brightness color LCD screen, which can display video pictures of 800x480 pixels. Its service life can reach 30K Hr under normal operation at a temperature between -20~+70°C. It has passed CE and RoHs certification, and can provide relevant test data according to customer requirements.

#### 3. Drawings

Notes:

- (1) Display Type : 5.0 inch TFT
- (2) Viewing Direction : 80/80/80/80
- (3) Lcd Drive IC : \*\*\*
- (4) Polarizer Mode : \*\*\*
- (5) Operating Temp : -20~70 °C
- (6) Storage Temp : -30~80 °C
- (7) Unmarker Tolerance: ±0.20
- (8) Protection : ROHS

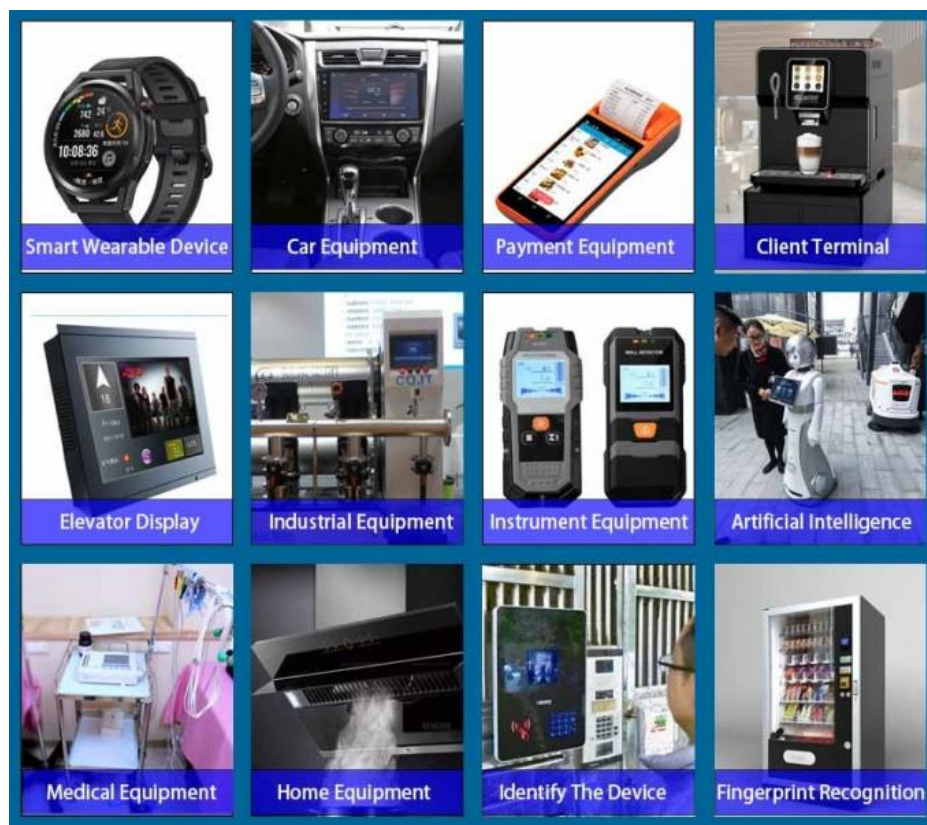


#### 4. Quick Detail

LCD type: 5.0"TFT  
 Dot arrangement: 800\*480 dots  
 Color Pixel Arrangement: RGB vertical stripe  
 Display Mode: IPS/ Transmissive / Normally BLACK  
 Viewing Direction: 80/80/80/80  
 Module size: 120.7(W)×75.8(H)×3.0(T) mm  
 Active area: 108(W)×64.8(H) MM  
 Dot pitch: 0.135(W)×0.135(H) MM

Interface: 24-bit Parallel RGB Interface  
Operating temperature: -20 ~ +70 °C  
Storage temperature: -30 ~ +80 °C  
Weight: TBD g

## 5. Application



## 6. FAQ

Q:Can you provide OEM service?

A:yes, we can provide both OEM and ODM service,can customize products according to the drawings you supply.

Q: How can I trust your product quality?

A:We have more than 10 years experience in touch screen industry. From material purchasing to product delivery, we have own professional staff and procedures to prevent potential quality risk. Our products have been approved by ROHS.

Q: What's your after-sale service?

A: If any problems, you will get our reply within 24 hours. Solution will be offered instantly by our professional and strong technical team.

Q:What is the minimum order?

A:our company mainly deals with wholesale deals,but if you insist buying one set,welcome to take a sample for you check quality and function.

once sample is confirmed, we could allow for a small mount of orders(no quantity limitation) to be put into production and once this is confirmed, MOQ is required.

Q:How long is the warranty time for your products?

A:Normally 1 year warranty without damaged by people actions like misuse.It depends on different products.



**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