



## Sunlight Readable Color LCD Screen 5.0 Inch 480x854 IPS LCD Display

### Our Product Introduction

#### Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH500FW07B
- 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: Sunlight Readable Color LCD Screen
- LCD Type: 5.0"
- Dot Arrangement: 480x854
- Display Mode: IPS / Transmissive / Normally Black
- Viewing Direction: ALL
- Driver IC: ST7701S
- Module Size: 75.88(W)×119.47(H)×2.8(T Mm)
- Interface: SPI + RGB
- Highlight: Sunlight Readable Color LCD Screen, SPI RGB Color LCD Screen, 480x854 IPS LCD Display



#### More Images



## Product Description

### Sunlight Readable Color LCD Screen 5.0 Inch 480x854 IPS LCD Display

#### 1. Specification

ITEM	STANDARD VALUES	UNITS
LCD type	5.0" TFT	--
Dot arrangement	480x854	dots
Driver IC	ST7701	--
Module size	75.88(W)×119.47(H)×2.8(T)	mm
Active area	61.56(W)×109.5255(H)	mm
Dot pitch	0.12825(W)×0.12825(H)	mm
Operating temperature	-20 ~ +70	°C

#### 2. Description

Chenghao Optoelectronic CH500FW07B is a sunlight readable color LCD screen used in the medical field, with a brightness of more than 1000 cd/m<sup>2</sup>, and the content on the screen can still be easily read by the user when used in a strong light environment. In order to allow users to read the screen more flexibly, the LCD screen uses IPS display technology, and the viewing angle reaches 80/80/80/80, which allows users to easily read the content on the screen with a free viewing angle.

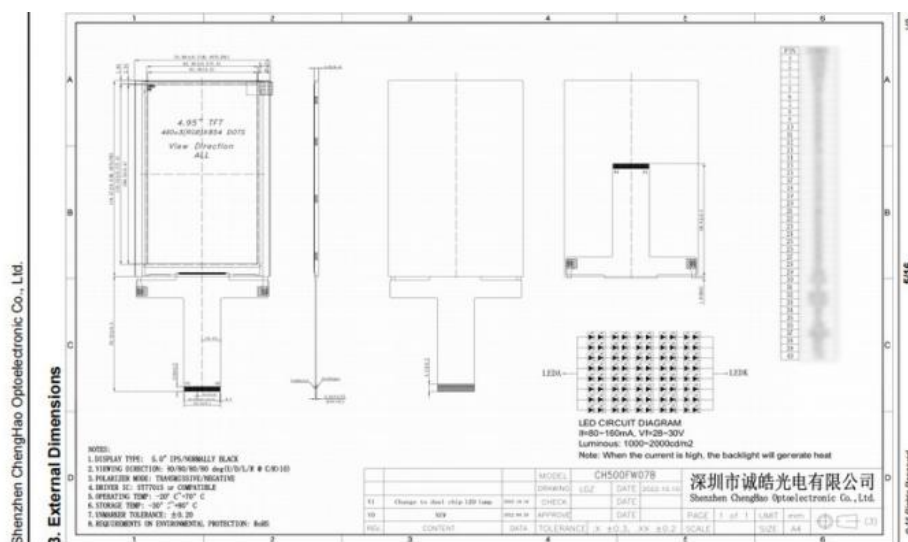
CH500FW07B is a high-brightness color LCD screen with extremely high cost performance. Its brightness can reach up to 2000 cd/m<sup>2</sup>. It works in an environment with a temperature difference between -20~+70°C, and its life span exceeds 30k Hr. There is a 5.0 inch color display area of this color LCD screen that can display 480x854 resolution video animations. Support SPI+RGB interface.

If you want to get more information about this 5 inch color LCD screen, you can consult our online customer service or send us an email.

#### 3. Drawings

Notes:

- (1) Display Type : 5.0 inch tft lcd
- (2) Viewing Direction : all
- (3) Lcd Drive IC : ST7701
- (4) Polarizer Mode : Transmissive/ Negative
- (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 lcd

Dot arrangement: 480×(RGB)×854 dots  
 Color filter array: RGB vertical stripe  
 Display mode: IPS / Transmissive / Normally Black  
 Viewing Direction :ALL  
 Driver IC :ST7701S  
 Module size: 75.88(W)×119.47(H)×2.8(T) mm  
 Active area: 61.56(W)×109.5255(H) mm  
 Dot pitch: 0.12825(W)×0.12825(H) mm  
 Interface: SPI + RGB  
 Operating temperature: -20 ~ +70 °C  
 Storage temperature :-30 ~ +80 °C  
 Back Light: 40 White LED  
 Weight :TBD g

## 5. Application



## 6. FAQ

1.What advantages do you have?

A: Fast delivery time, can support sample services, products are in stock, can be supplied at any time, 24 hours online service, products have passed strict certification, and the buyer has good results.

2.Q: How can I get the samples?

A: Send inquiry → Offer quotation → Confirm quotation & pay tooling charge → Provide drawing → confirm drawing → make tooling & samples → Samples finished → Delivery via freight or sea collect.

3.Q: How long can I expect to get the sample?

A: Contour drawing: 2-4 days Sample time: 7-15 days.

4.Q: Can you design the lcd in accordance with our demand?

A: Sure.We will give you the best tooling charge.

5.Q: How to place orders ?

A: If you confirm samples ok, Please send us your purchase order by Email or Fax , Then we will send you an Invoice for deposit payment. We need to know the following information of your order.

- (1) Product information-Quantity,model number
- (2) Shipping information-Company name, Street address, Phone&Fax number, Destination sea port.
- (3) Forwarder's contact details if you have any in China.





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