



5.0 Inch Touch Display 45pin SPI RGB Interface Small LCD Touch Screen

Our Product Introduction

Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH500FW08A-T
- 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: 5.0 Inch Touch Display
- Shape: Vertical Screen
- Touch Type: Resistive Touch Panel
- Resolution: Resistive Touch Panel
- Luminance: 300 Cd/m2
- Color: 16.7M
- Viewing Direction: All
- Pin Number: 45
- Highlight: Resistive LCD Touch Display,
300 cd/m2 LCD Touch Display,
RGB Stripe Small LCD Touch Screen



Product Description

5.0 Inch Touch Display 45pin SPI RGB Interface Small LCD Touch Screen

1. Specification

Display Type	TFT-LCD
Display model	CH500FW08A-T
Pixel Configuration	RGB Stripe
Display Resolution	480x854
Contrast	800:1 (Typ.) (TM)
Overall Size	66.1*120.4*2.9 mm
Active Area (A.A)	61.56*109.526
Luminance	300 cd/m ²
Visual Angle	80/80/80/80

2. Description

Chenghao Optoelectronic CH500FW08A-T is a 5.0 inch touch display used in smart home devices. It supports touch function, and users can interact with the display through the touch panel. Thanks to the use of IPS display technology, there is an ultra-wide viewing angle (80/80/80/80) of this touch display, which means that users can read the screen clearly from all angles at will on one side of the screen.

This 5 inch touch display adopts a combination of lcd panel + touch panel, in which the lcd panel is a TFT type and supports 3 line SPI + 24bit RGB Interface. The touch panel is resistive (RTP) and uses the Usb interface. There is a 5.0 inch display area of this touch display with a resolution of 480*3(RGB)*854 and a lifespan of up to 30K Hr.

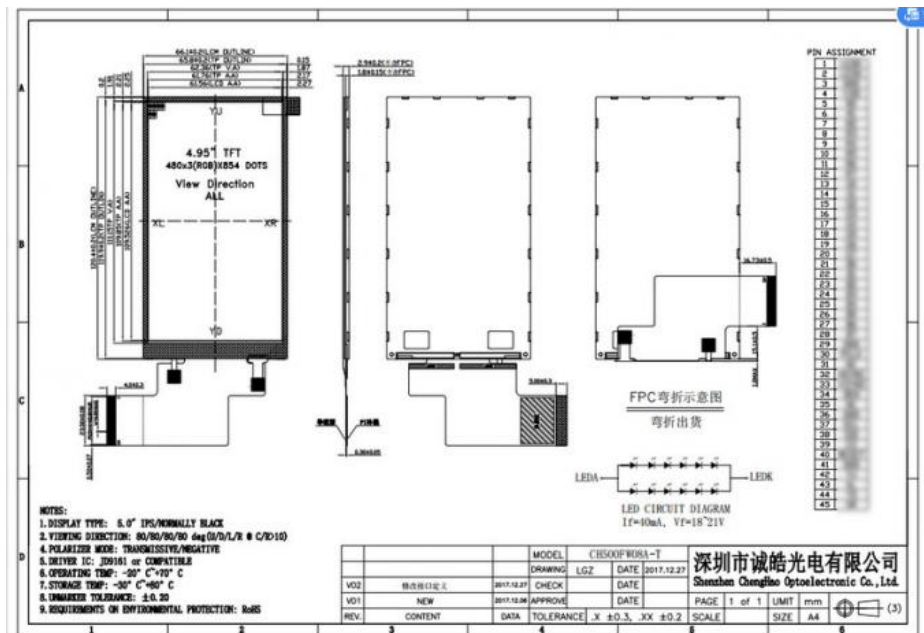
In addition, this 5 inch touch display can modify some functional parameters according to customer requirements, including FPC shape, backlight brightness, lcd interface customization, touch panel change (CTP) or removal, etc.



3. Drawings

Notes:

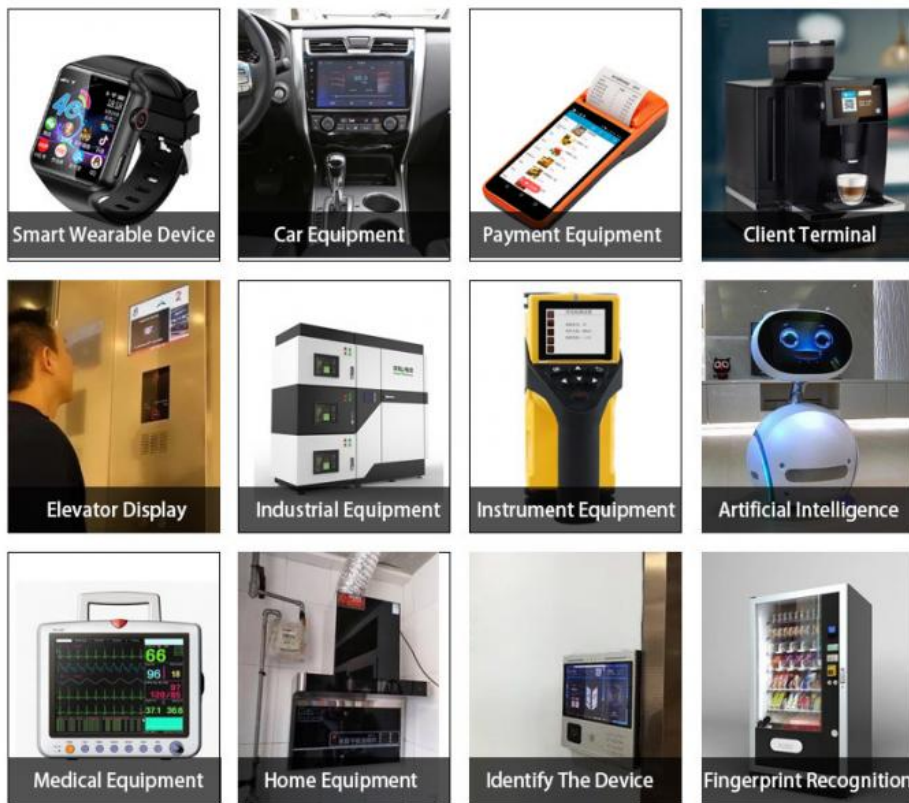
- (1) Display Type : 5.0 inch TFT+RTP
- (2) Viewing Direction : 80/80/80/80
- (3) Operating Temp : -20~70 °C
- (4) Storage Temp : -30~80 °C
- (5) Unmarker Tolerance: ±0.20
- (6) Protection : ROHS



4. Qucik Detail

Product Name:480x854 Touch Display
Model No:CH500FW08A-T
With or Without TP:With
TP Type:Resistive touch panel
TP Interface:usb
LCD type:5.0 inch TFT lcd
Dot arrangement:480x854
Color filter array: RGB vertical stripe
Display mode: IPS / Transmissive / Normally Black
Viewing Direction:80/80/80
TFT Driver IC:JD9161
Color:16.7M
Contrast:800:1
Module size:66.1*120.4*2.9
TFT Active area:61.56*109.526
TFT Interface:SPI+RGB
FPC Pin Number:45
Operating temperature: -20 ~ +60 °C
Storage temperature: -30 ~ +70 °C
Back Light: 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.

6. Q: How can you guarantee the production quality ?

A: Our production quality follow ISO9000 standard system, stable design team,10 years experience of QC team and strictly quality control system guarantee the production quality. accept third part Inspection,high&low temperature storage&operating test during high.



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