8 Inch FHD Color Screen MIPI 1200x1920 39pin IPS LCD Display

Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH800FH03A
- 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: 8 Inch FHD Color Screen
- Lcd Type: 8" TFT Lcd
- Resolution: 1200*1920
- Interface: MIPI
- Luminance: 350 Cd/m2
- Backlight Type: White LED
- Viewing Direction: All
- Pin Number: 39
- Highlight: **Color LCD Screen 350 cd/m2, MIPI Color LCD Screen**, **39pin IPS LCD Display**

Product Description

8 Inch FHD Color Screen MIPI 1200x1920 39pin IPS LCD Display

1. Specification

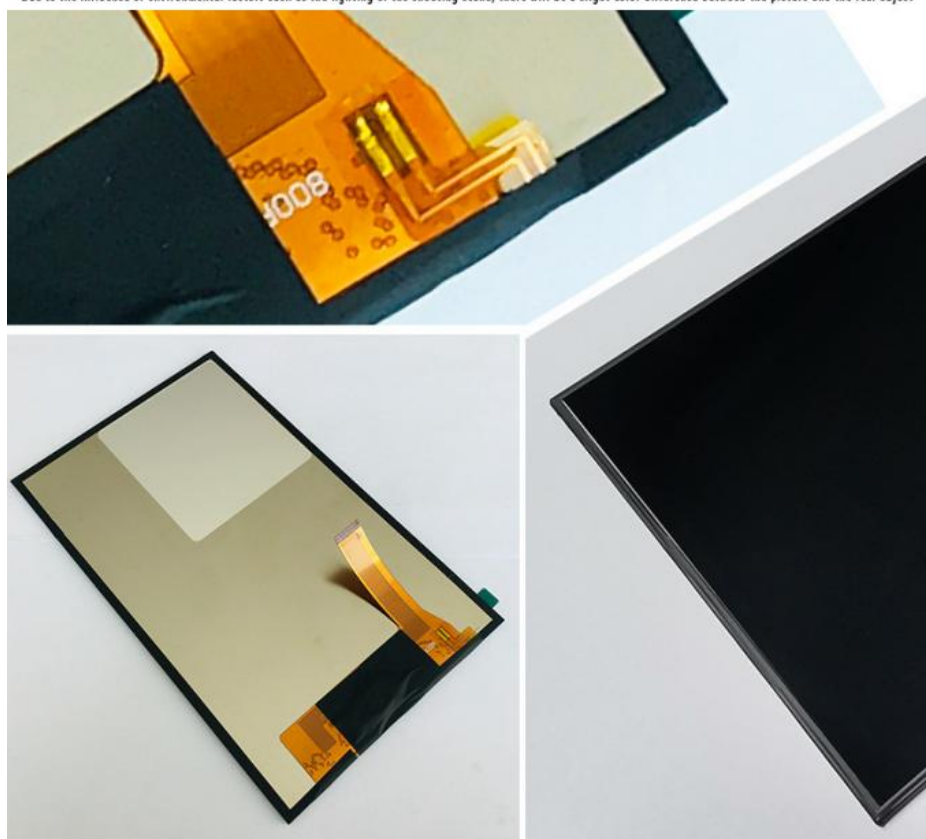| MODEL NO.	CH800FH03A
Module type	8"TFT
Display Mode	IPS / Transmissive / Normally Black
Number of Dots	1200*3(RGB)*1920
Viewing Direction	80/80/80/80
Module size	114.7(W)*184.2(H)*2.5(T)mm
TFT Active area	107.64(W)*172.224(H)mm
TFT Dot pitch	0.0897(W)*0.0897(H)mm
Interface	4-lane MIPI
Backlight Type	White LED
Luminace	350cd/m2

2. Description

Chenghao Optoelectronic CH800FH03A is an 8 inch FHD color screen used in smart refrigerators with a resolution of 1200*3(RGB)*1920, which can display 16M color HD video images. In order to allow users to read the screen more easily and flexibly, this FHD color screen adopts IPS display technology, which enables its viewing angle to reach 80/80/80/80, which means that no matter what viewing angle is used to view the screen, users can Read the content on the screen clearly.

CH800FH03A is a high-performance FHD color screen. It uses 4 lane mipi to communicate and interconnect with other components. Its working temperature is -20~+70 ℃, and its service life is more than 20k Hr. In addition, this 8 inch FHD color screen has passed CE and RoHs certification.

If this 8 inch FHD color screen cannot fully meet your project needs, we can modify and customize CH800FH03A according to your requirements. The customizable contents include FPC shape structure, backlight brightness, lcd interface customization, installation of touch panel, etc.

Real Shooting Effect

Due to the influence of environmental factors such as the lighting of the shooting scene, there will be a slight color difference between the picture and the real object
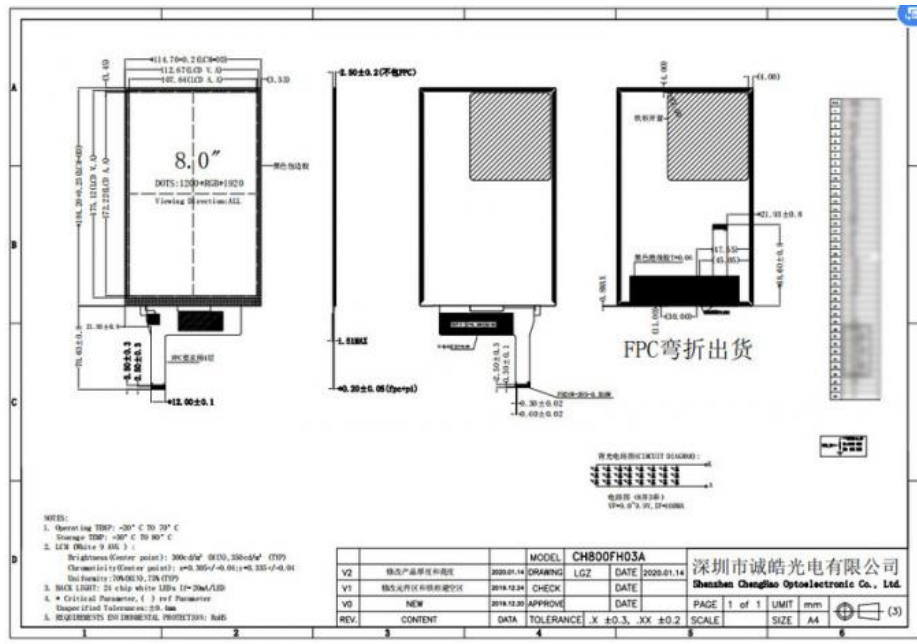
3. Drawings

Notes:
(1) Display Type : 8.0 inch tft lcd
(2) Viewing Direction : 80/80/80/80
(3) Lcd Drive IC : ***
(4) Polarizer Mode : ***
(5) Operating Temp : -20~70 ℃
(6) Storage Temp : -30~80 ℃
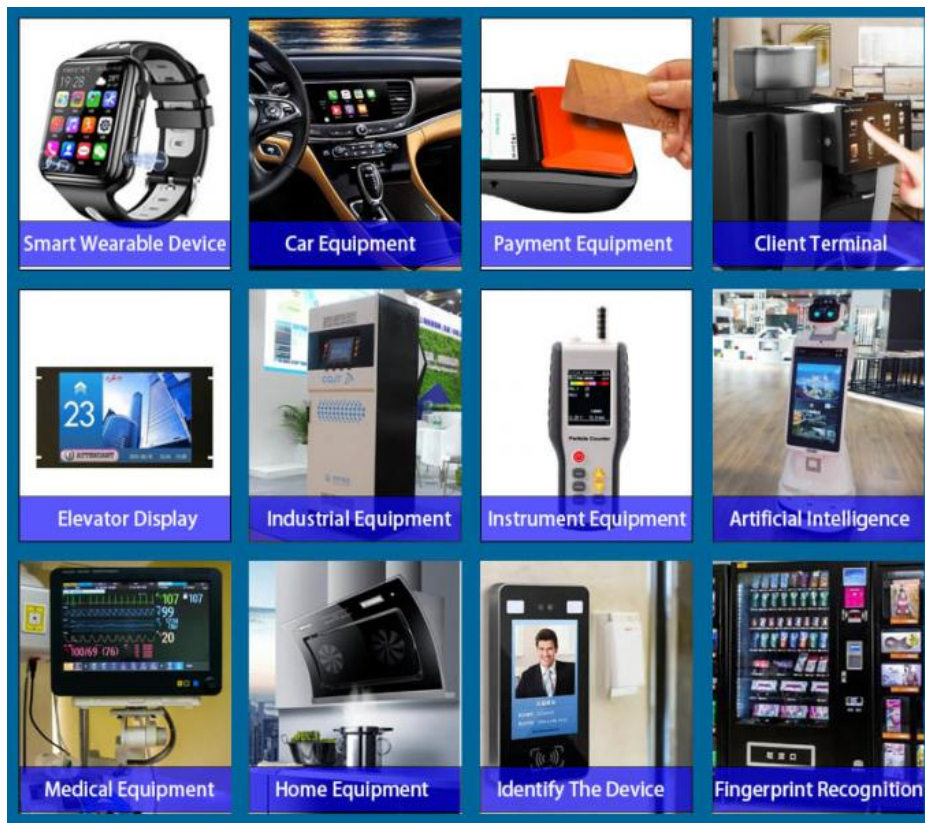(7) Unmarker Tolerance: ±0.20

(8) Protection : ROHS

4. Quick Detail

LCM number : CH800FH03A
Resolution : 1200*1920
Dot pitch : 0.0897(W)*0.0897(H)mm
Outline dimension : 114.7(W)*184.2(H)*2.5(T) mm
Active Area : 107.64(W)*172.224(H) mm
View angle| : R/L/U/D 80/80/80/80(Deg)
Pixel Arrangement : RGB-stripe
Surface Treatment : Plant
TFT Electrical Interface : 4 lane MIPI
Brightness : 350(cd/m2)
Tft driver IC : ****
Contrast ratio : 800
Backlight Type : LED
Response time : ******(ms)
Display mode : IPS, Normally Black, Transmissive
Operate temperature : -20-70(°C)
Storage temperature : -30-80(°C)
Display Colors : 16.7M
Backlight lifetime : 20k hrs(Min.)
With/without Touch Panel:Without

5. Application

Smart Wearable Device | Car Equipment | Payment Equipment | Client Terminal

Elevator Display | Industrial Equipment | Instrument Equipment | Artificial Intelligence

Medical Equipment | Home Equipment | Identify The Device | Fingerprint Recognition

6. FAQ

Q1: Do you testing the products before shipment?
A: we tested every prodcuts quality before send out .
Q2: What is your payment methods ?
A: T/T,Paypal,West Union and so on .
Q3:What's the lead time?Sample order is available?
A: lead time : 7-15 working days. We don't have MOQ, Sample order is ok.
Q4:Can you produce according to the samples?
A: Yes, we can produce by your samples or technical drawings design , we can also build the molds.
Q5. What is your terms of packing?
A: Generally, we pack our goods in standard package , also if you have legally registered patent, we can pack the goods in your branded boxes.

Shenzhen ChengHao Optoelectronic Co., Ltd.

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