



Full HD Color LCD Screen 5.5 Inch 1080*1920 TFT LCD Capacitive Touchscreen

Our Product Introduction

Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH550FH01A-CT
- 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: Full HD Color LCD Screen
- LCD Type: 5.5" TFT + CTP
- Dot Arrangement: 1080(RGB)×1920
- Color Filter Array: RGB Vertical Stripe
- Display Mode: LTPS / Transmissive / Normally Black
- Viewing Direction: 80/80/80/80
- CTP Type: G+F+F
- CTP Driver IC: GT911
- Highlight: LTPS Color LCD Screen ,
GT911 Color LCD Screen ,
Full HD TFT LCD Capacitive Touchscreen



More Images



Product Description

Full HD Color LCD Screen 5.5 Inch 1080*1920 TFT LCD Capacitive Touchscreen

1. Specification

MODEL NO.	CH550FH01A-CT
Module type	5.5"TFT + CTP
Display Mode	IPS / Transmissive / Normally Black
CTP type	G+F+F
Number of Dots	1080*3(RGB)*1920
Viewing Direction	80/80/80/80
Module size	77.1(W)*151.77(H)*3.39(T)mm
TFT Active area	68.04(W)*120.96(H)mm
TFT Dot pitch	0.063(W)*0.063(H)mm
Interface	TFT:4-lane MIPI CTP:I2C
Backlight Type	White LED
Luminance	650 nits

2. Description

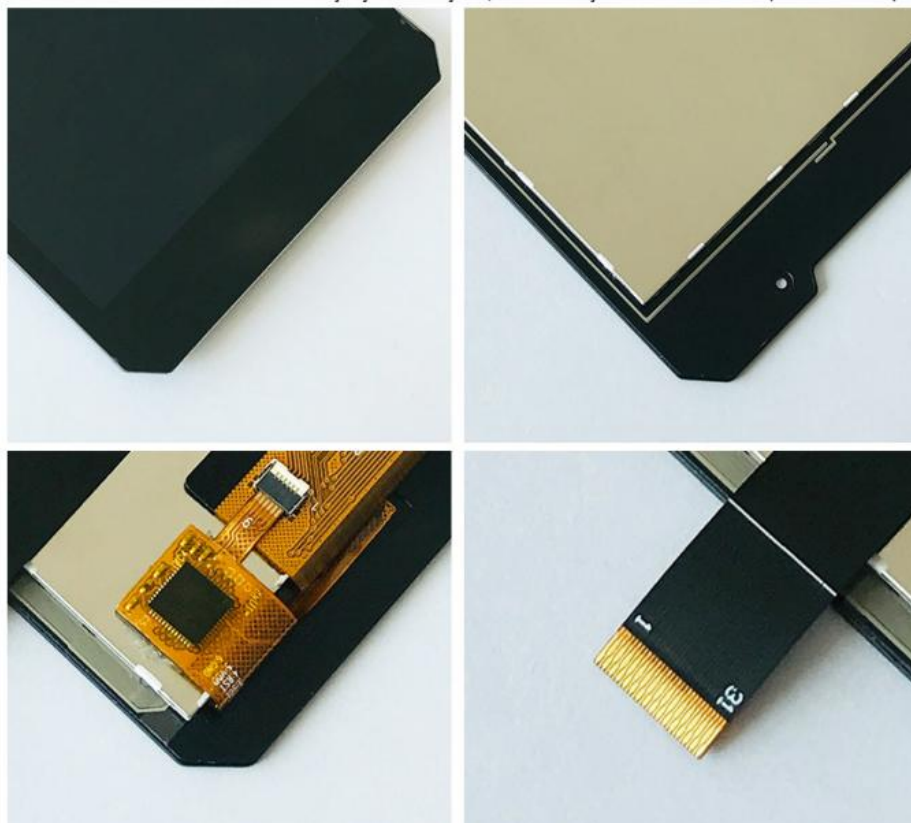
Chenghao Optoelectronic CH550FH01A-CT is a Full HD color LCD screen (vertical screen) used in access control identification equipment. The display resolution reaches 1080*1920, the diagonal measurement of the display area is 5.5 inches, and it can display 16M colors Full HD video animation. This full HD color LCD screen uses LTPS display technology, and the viewing angle of the screen reaches 80/80/80/80. Users can clearly read the content on the screen at any viewing angle. At the same time, this Full HD color LCD screen is equipped with a touch panel, which supports multi-touch, and users can realize human-computer interaction through the touch panel.

CH550FH01A-CT is a Full HD color LCD screen with excellent performance. It adopts the combination of lcd panel + TP. The lcd panel belongs to TFT LCD, and uses MIPI interface to communicate with external devices. The TP is capacitive (CTP) and uses the I2C interface.

This Full HD color LCD screen has completed the high and low temperature experimental test, and can work continuously for more than 30k Hr in the environment of -20~+70°C.

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

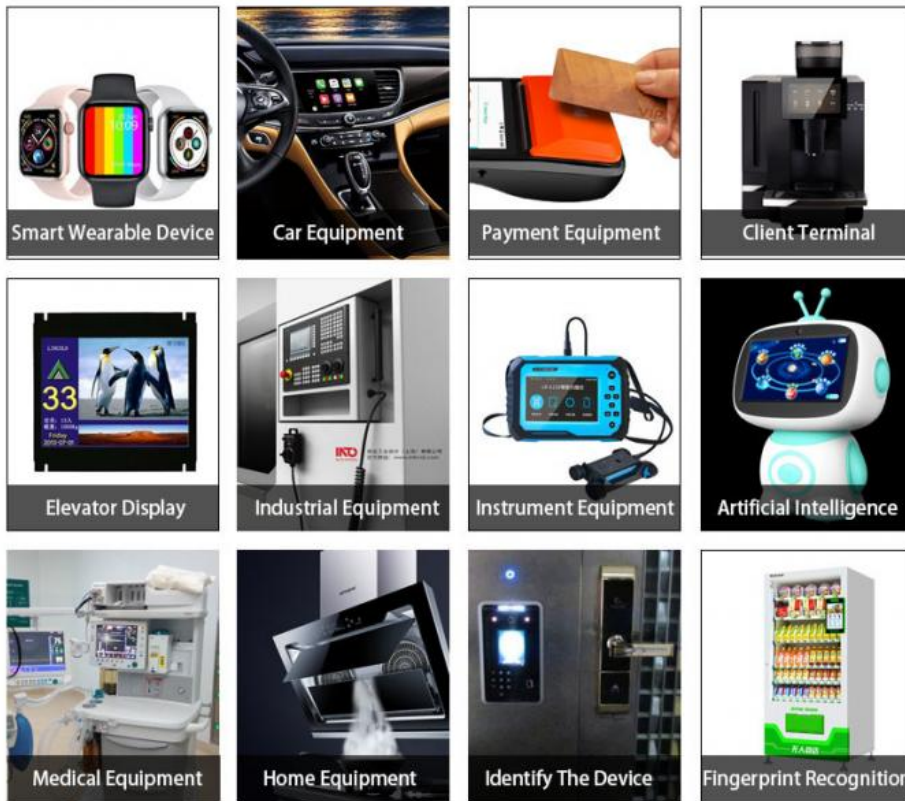


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LCD type :5.5" TFT + CTP
 Dot arrangement :1080(RGB)×1920 dots
 Color filter array :RGB vertical stripe
 Display mode :LTPS / Transmissive / Normally Black
 Viewing Direction :80/80/80/80
 Driver IC :HX8399C
 CTP type :G+F+F
 Surface Treatment :6H
 CTP Driver IC :GT911
 LCM outline :77.1(W)×151.77(H)×3.39(T)
 TFT outline :70.78(W)×129.17(H)×1.7(T) mm
 View area :68.44(W)×121.36(H) mm
 Active area :68.04(W)×120.96(H) mm
 Dot pitch :63(W)×63(H) μm
 Interface :MIPI
 Operating temperature : -20 ~ +70 °C
 Storage temperature : -30 ~ +80 °C
 Back Light :14 White LED
 Weight : TBD g

5. Application



6. FAQ

Q1.What is the minimum order quantity for your products?

A1.Minimum order quantity starts from ONE piece .

Q2. How can we get samples from you ?

A2.Samples are available. Normally we take 2 days to arrange samples. If we have no business record with you before, we need to charge boot samples cost and post courier freight.

Q3.When will you send the parts to me?

A3.We will send the parts to you within 3-5 workdays after receiving your payment.

Any other more questions, please feel free to contact us. We are always at your service !



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