



## All Viewing Angle IPS TFT LCD Display 3.97" 800x480 With 2 Lane MIPI DSI Interface

### Our Product Introduction

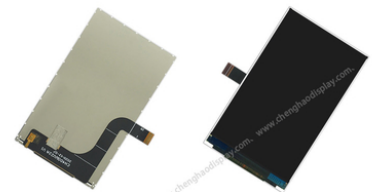
#### Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH400WV22A
- 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: All Viewing Angle IPS TFT Lcd
- Module Size: 57.14(W)×96.85(H)×1.83(T) Mm
- TFT Active Area: 51.84(W)×86.4(H) Mm
- Dot Pitch: 0.108(W)×0.108(H) Mm
- Interface: 2-lane\_MIPI DSI
- Operating Temperature: -20 ~ +60 °C
- Storage Temperature: -30 ~ +70 °C
- Highlight: 800x480 IPS TFT LCD Display ,  
3.97" IPS TFT LCD Display ,  
MIPI DSI IPS TFT LCD Display



## Product Description

All Viewing Angle IPS TFT Lcd 3.97" 800x480 With 2 Lane MIPI DSI Interface

### 1. Specification

ITEM	STANDARD VALUES	UNITS
LCD type	3.97" TFT	--
Dot arrangement	800x480	dots
Driver IC	ST7701S	--
Module size	57.140(W)*96.85(H)*1.83(T)	mm
Active area	51.84(W)*86.4(H)	mm
Dot pitch	0.108(W)*0.108(H)	mm
Operating temperature	-20 ~ +70	°C
Storage temperature	-30 ~ +80	°C
Back Light	White LED	--
Weight	TBD	g

### 2. Description

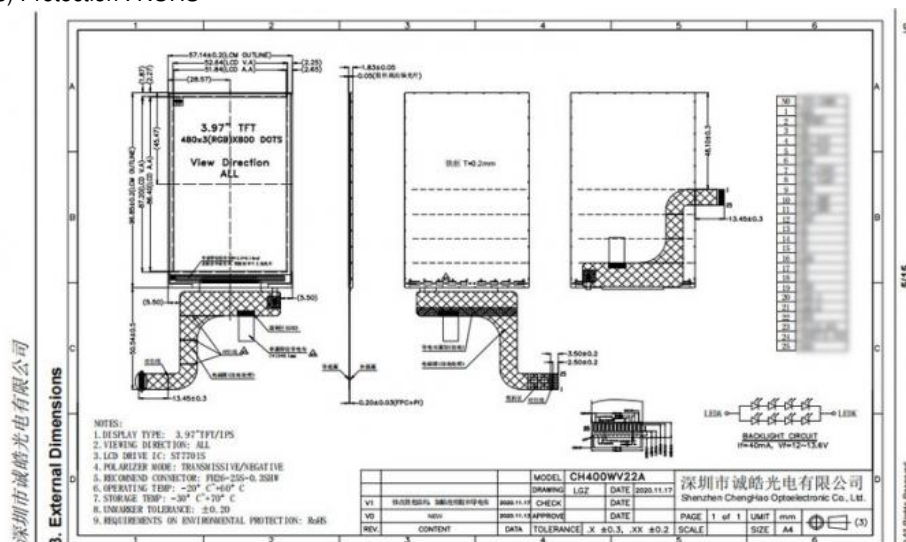
ChengHao Display model CH400WV22A is a TFT type small size Vertical lcd, using IPS display technology, with all viewing directions. The color TFT display has an active display area with a diagonal length of 3.97 inch, supports display 800(RGB)x480 Resolution's video footage. The ST7701S fixed on the tft lcd glass panel is the driver IC of this module. It supports 2-lane MIPI DSI interface and can display 16M colors.

For this 3.97 inch IPS tft display module, we can modify the backlight and FPC for you according to your requirements, and the touch function can also be installed. If this tft display can't meet your requirements, you can ask us for more model information similar to CH400WV22A by email, or ask us to provide customized solutions for your project.

### 3. Drawings

Notes:

- (1) Display Type : IPS TFT
- (2) Viewing Direction : 80/80/80/80
- (3) Lcd Drive IC : ST7701S
- (4) Polarizer Mode : Transmissive/ Negative
- (5) Operating Temp : -20~70 °C
- (6) Storage Temp : -30~80 °C
- (7) Unmarker Tolerance:  $\pm 0.20$
- (8) Protection : ROHS

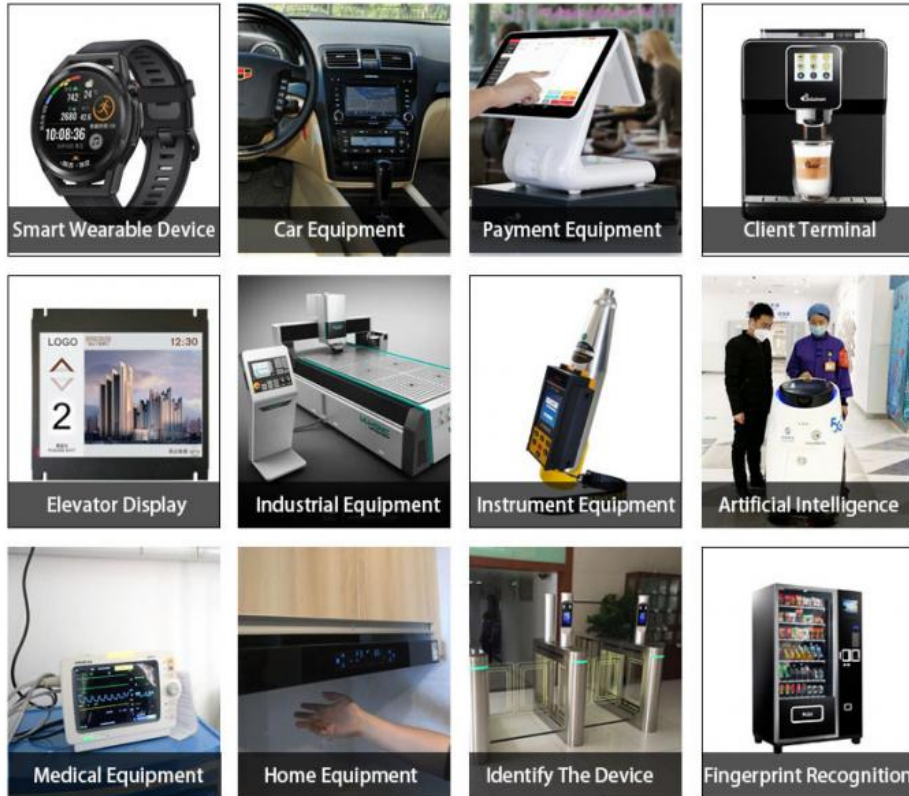


### 4. Quick Detail

- \* LCM name: All Viewing Angle IPS TFT Lcd 3.97" 800x480 With 2 Lane MIPI DSI Interface
- \* Model: CH400WV22A
- \* Lcm Size.: 3.97 inch
- \* Display Type: 3.97" TFT
- \* Display colors: 16.7M
- \* Number of Dots: 800\*480
- \* TFT Dot Pitch : 0.108(W)\*0.108(H) mm
- \* Viewing Angle: All Viewing Angle
- \* Driver IC: ST7701S

- \* Display mode: IPS/transmissive/ Normally black
- \* Module size: 57.14(W)×96.85(H)×1.83(T) mm
- \* TFT Active Area: 51.84(W)×86.4(H) mm
- \* Luminance: 450 cd/m<sup>2</sup>
- \* Contrast: 800
- \* TFT Interface Type: 2-lane\_MIPi DSI
- \* Pin Number: 25
- \* Backlight type : White LED
- Backlight: 6 LED

## 5. Application



## 6. FAQ

1. Who are we?

We are based in Guangdong China, start from 2015, sell to

WesternEurope ( 35.00% )

Oceania ( 25. 00% )

North America ( 13.00% )

SouthAmerica ( 7.00% )

Southeast Asia ( 7. 00% )

Northern Europe ( 7.00% )

Southern Europe ( 4.00% )

Domestic Market ( 2. 00% ).

There are total about 30 people in our office.

2. How can we guarantee quality?

Always a pre-production sample before mass production;

Always final Inspection before shipment.

3. What can you buy from us?

Color TFT LCD, Touch Panel Modules, Pcap & Cover Glass, Monochrome LCD, Converter Board.

4. Why should you buy from us not from other suppliers?

CHENGHAO LCD is a national high-tech enterprise which established in year 2016. We are committed to research and development, manufacturing and sales of LCD screens, touch screens and comprehensive display solutions.

5. What services can we provide?

Accepted Delivery Terms: FOB,CIF,EXW,FCA,DDP,Express Delivery;

Accepted Payment Currency:USD,CNY;

Accepted Payment Type: T/T,L/C,MoneyGram,Credit Card,PayPal,Western Union,Cash;

Language Spoken:English,Chinese

If you have more question , Please contact us now, we look forward to communicating with you !



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