



## 1024x600 SPI Screen 10.1 Inch IPS LCD Display With Capacitive Touch Panel

Our Product Introduction

### Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH101WS07A-CT-PA
- 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: 1024x600 SPI Screen
- Active Area: 222.72(W)×125.28(H) Mm
- LENS Viewing Area: 223.72(W)×126.28(H) Mm
- Dot Pitch: 0.2175(W)×0.2088(H) Mm
- Interface: TFT SPI
- Operating Temperature: -20 ~ +70 °C
- Highlight: 10.1 Inch 1024x600 SPI Screen, IPS LCD Display 1024x600, ROHS standards IPS LCD Display



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## Product Description

### 1024x600 SPI Screen 10.1 Inch IPS LCD Display With Capacitive Touch Panel

#### 1. Specification of 10.1 inch touch screen display

Size	10.1
Display Type	TFT+CTP+PCB
Display model	CH101WS07A-CT-PA
Pixel Configuration	RGB Stripe
Display Resolution	1024(RGB)x600
Aspect Ration	0.6
Contrast	800:1 (Typ.) (TM)

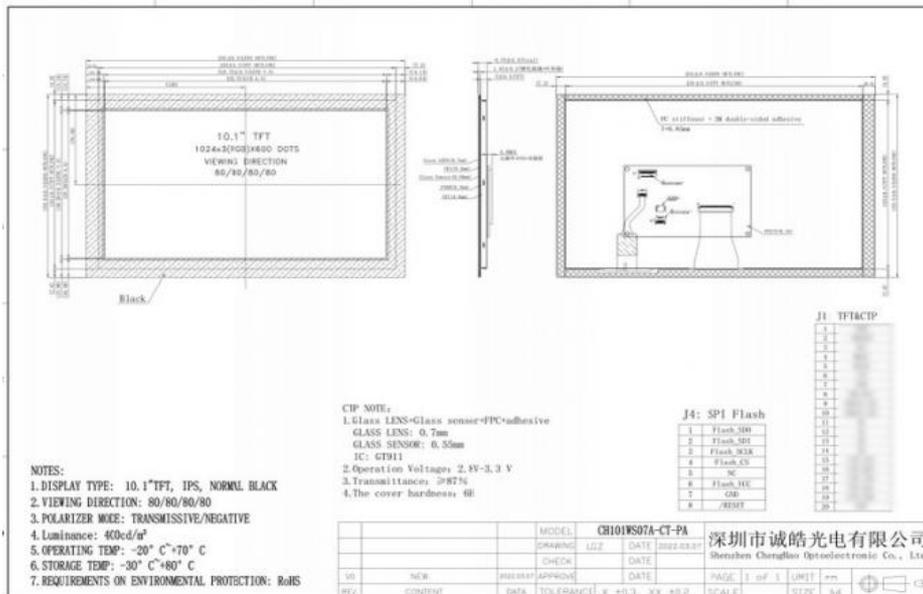
#### 2. Description of 1024\*600 touch screen display

- \* CH101WS07A-CT-PA is a Transmissive type color active matrix liquid crystal display (LCD).
- \* It is composed of a IPS TFT LCD panel, Capacitive Touch Panel, driver IC, FPC, back light.
- \* 10.1-inch display area
- \* It is 1024(RGB)x600 resolution TFT LCD module, HD display
  - \* Back light Luminance is 400 cd/m2, supports different brightness options between 200 - 1500cd/m2.\* RoHS & REACH compliant.
- \* Using SPI Interface
- \* Provide a rich sample program
- \* Military-grade process standards, long-term stable work
- \* Provide underlying driver technical support
- \* Long term stable production and guaranteed supply
- \* Specific touch panel can be designed & customized.
- \* Compliant with CE/ROSH standards

#### 3. Drawings of 10.1" TFT touch screen

Notes:

- (1) Display Type : 10.1 inch tft+CTP+PCB
- (2) Viewing Direction : 80/80/80/80
- (3) Polarizer Mode : Transmission / Negative
- (4) Operating Temp : -20~70 °C
- (5) Storage Temp : -30~80 °C
- (6) Unmarker Tolerance: ±0.20
- (7) Protection : ROHS



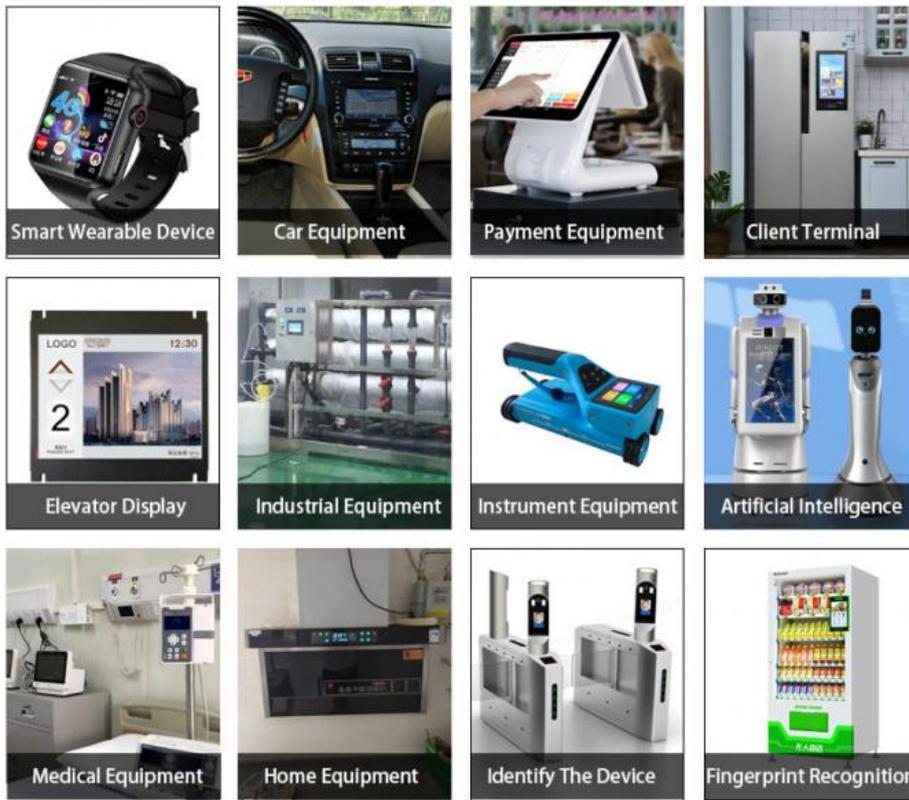
#### 4. Absolute Maximum Ratings

Item	Symbol	Min.	Max.	Unit
Analog Supply Voltage	VDD	-0.3	5	V
Input Voltage	Vin	-0.3	VDD+0.3	V
Operating Temperature	TOP	-20	70	°C
Storage Temperature	TST	-30	80	°C
Storage Humidity	HD	20	90	%RH

#### 5. DC Characteristics

Item	Symbol	Min.	Typ.	Max.	Unit	Remark
Supply Voltage	VDD	2.8	3.3	3.6	V	-
Input High Voltage	V <sub>IH</sub>	0.7VDD	-	VDD	V	Digital input pins
Input Low Voltage	V <sub>IL</sub>	GND	-	0.3VDD	V	Digital input pins
Output High Voltage	V <sub>OH</sub>	0.8VDD	-	VDD	V	Digital output pins
Output Low Voltage	V <sub>OL</sub>	GND	-	0.2VDD	V	Digital output pins
I/O Leak Current	I <sub>LI</sub>	-1	-	1	uA	-

## 6. Application



#### 7. FAQ

Q1: Are you manufacturer ?

A: Yes, we are manufacturer.

Q2: How long is your delivery time?

A: Normally 3-5 working days after payment; Special requirement orders, delivery time is negotiable.

Q3: If the products can't work after receiving it, what should I do?

A: We will replace new items for you at once and then we make the judgement for the issue.

Q4: Do you accept OEM design?

A: Yes, we do. We can design according to your requirement, MOQ usually 100-1000.

Q5: Do you accept pay 30% in advance?

A: Yes, we do. We can start to prepare your goods when receive 30% payment, and send them after get the rest 70% payment.

Q6: What payment terms you accept?

A: We accept Paypal, T/T, Western Union, Wechat, Alipay, in Cash (RMB or USD).



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