



300cd/M2 Resistive LCD Display 480×854 IPS Transmissive With Rtp

Our Product Introduction

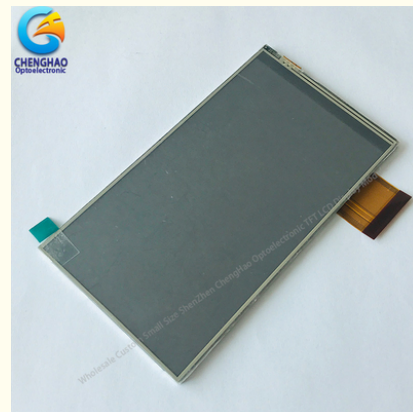
Basic Information

- Place of Origin: ShenZhen, China
- Brand Name: Chenghao/Oem
- Certification: ROHS ISO9001 CE
- Model Number: CH500FW08A
- 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

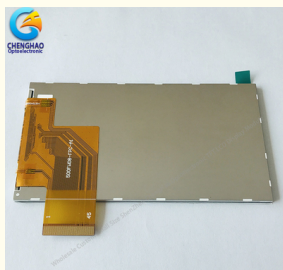


Product Specification

- Product Name: 5inch High Brightness LCD Display
- Dot Arrangement: 480*854
- Product Size: 2.4 Inch
- Overall Size: 6.61*12.04*0.29 Cm
- Active Area: 6.156(W)*10.95255 Cm
- Backlight Type: White LED
- Highlight: **300cd/M2 Resistive LCD Display, IPS Transmissive Resistive LCD Display, Rtp Waterproof Touch Screen Monitor**



More Images



Product Description

1. Specification

Feature		Specification	Unit
Display Specification	Brand	Chenghao	-
	Size	5.0	inch
	Resolution	480*854	dots
	Pixel pitch	0.12825(W)*0.12825(H)	mm
	Display Mode	IPS/Transmissive/Normally Black	-
	Viewing Direction	80/80/80/80	--
	Gray Scale Inversion Direction	--	--
	Luminance	800	cd/m2
Mechanical Characteristics	LCM (W * H * D)	66.1(W)*120.4(H)*2.9(T)	mm
	Active Area (W * H)	61.56(W)*109.5255(H)	mm
	With /Without TP	with	-
	LED Numbers	12-LED	pcs
	Operation temperature	-20~+70	°C
	Storage temperature	-30~+80	°C
Electrical	Interface	3 line SPI + 24bit RGB /45PIN	-
	LCM Power Supply	If=20mA,Vf=18~21V	-
Characteristics	LED Power Supply	9	v
	Color Depth	16.7M	-
	LCM Driver IC	JD9161 or COMPATIBLE	-
	CTP Driver IC	-	-

2. Description

ChengHao Display model CH500FW08A is a color active matrix thin film transistor (TFT) liquid crystal display (LCD) that uses amorphous silicon TFT as a switching device. This model is composed of a TFT LCD panel, a driving IC, a high brightness back-light, a Resistive touch panel and FPC.

This TFT LCD has a 5 (Landscape screen) inch diagonally measured active display area with 480*854 (480 horizontal by 854 vertical pixel) resolution.

The driver used for this project is the JD9161 and can display 16M colors by 3 line SPI or 24bit RGB signal input. The driver is mounted on the glass and the interconnection via FPC including components to drive the display module. Support RGB interface.

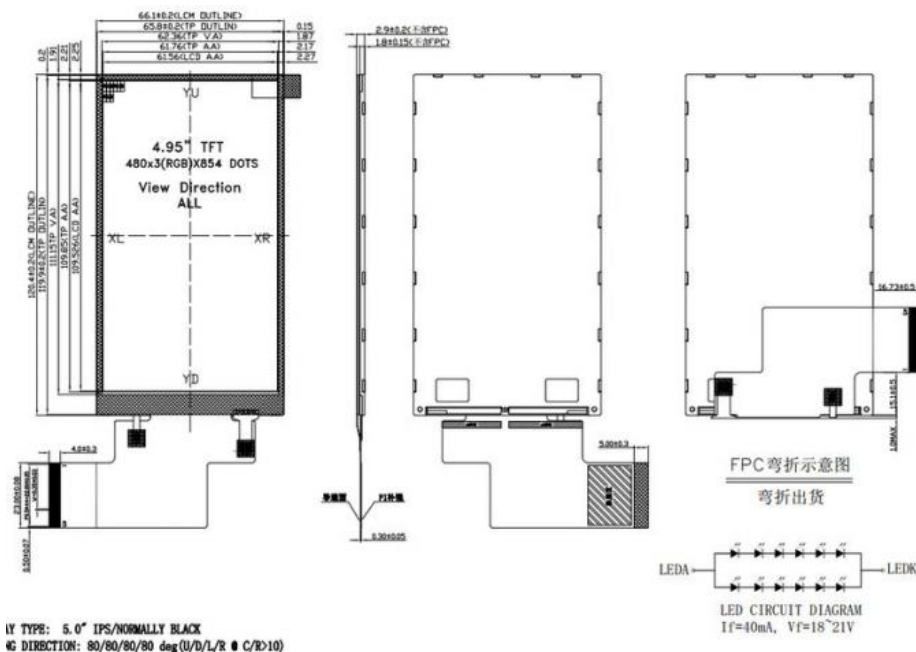
In addition, FPC can also be customized according to customer requirements, such as modifying back-light and CTP structure, interface definition, etc.

RoHS Compliance & Halogen Free.

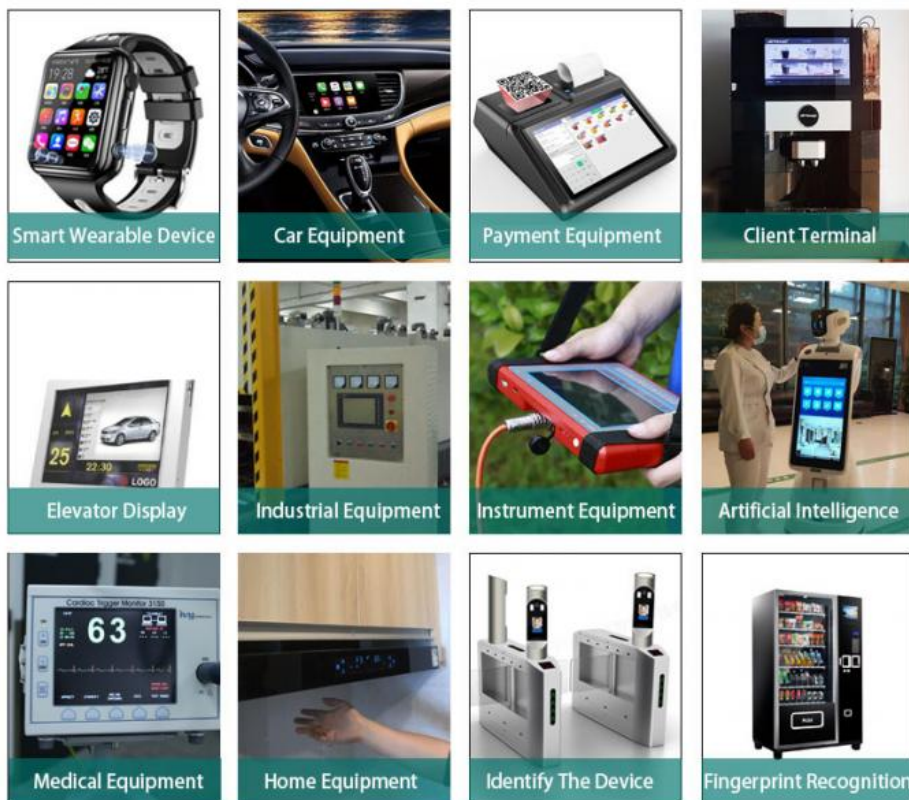
3. Drawings

Notes:

- (1) Display Type : 5" TFT
- (2) Viewing Direction : Free Viewing Angle
- (3) Lcd Drive IC : JD9161 or COMPATIBLE
- (4) Polarizer Mode : Transmissive/ negative
- (5) Operating Temp : -20~70 °C
- (6) Storage Temp : -30~80 °C
- (7) Unmarker Tolerance: ±0.20
- (8) Protection : ROHS



4. Application



5. Our Products

(1). Module

* Size:

1.14"/1.44"/1.47"/1.50"/1.54"/1.77"/1.80"/2.0"/2.1"/2.31"/2.40"/2.80"/3.50"/3.90"/3.95"/3.97"/3.98"/4.0"/4.3"/5.0"/5.5"/6.0"/7.0"/8.0"/9.0"/10.1"

* Shape: Round shape/Square(Horizontal/vertical)

* Interface: MIPI / RGB/ SPI / MCU

* Number of Dots: Optional

* Brightness

Regular: 100-500 nits

Sun Readable: 500-1000 nits

(2). Touch Panel

* Touch Type: Non touch / Resistive touch / Capacitive touch

* Interface Type: I2C / USB

(3). Logo: Silk-screened/ Laser Engraved

- (4). Glass: Anti-Reflective/Anti Glare/Vandal-resistant
(5). Interface: HDMI/VGA/DVI/USB/BNC



6. Products Quality Assurance

- (1)High-quality raw material supplier :
after-sales guarantee and long-term stable supplier, LCD panel and Driver IC made of A-regulated raw materials.
- (2)Other materials:
such as polarizers, backlight film materials, etc. We also use brand new A-regulated raw materials
- (3)Strict quality control:
Through rate up to 98.5%,Customer online defect rate as low as 0.3%.
Inspection is done in FOG==>LCM==>LCM+RTP/CTP==> production online inspection ==>Q.C inspection==>aging test 4 hours with load in 60 °C special room (as option)==>OQC.
A product must pass 5 tests before shipment: incoming inspection, 100% online inspection, QC on-site inspection, aging test and OQC inspection, etc.

7. FAQ

- Q1: Do you accept customization displays and touch screens?
A: Sure, you can customization the FPC,Backlight and the touch screen.
- Q2: What type of interface is your display screen?
A: Small sized of displays generally support SPI,MCU,RGB,MIPI.Medium sized displays generally support LVDS,MIPI,EDP.Different specifications use different interfaces.
- Q3: Do you used capacitive touch screen or resistive touch screen.
A: We have capacitive touch screen and resistive touch screen .
- Q4: What is your sample policy?
A: If there is stock,you can sample at any time;if there is no stock,it will take some time,and then wait for the materials to come back to sample. But the customer needs to pay the sample fee and express fee.
- Q5: How long is your lead time for mass production?
A: It takes about 20 - 45 working days for mass production,depending on the model and order quantity.
- Q6: How to ensure long-term stable delivery?
A: First,we will recommend products that can be delivered for a long time to customers,and second,we will have a large number of stocks in advance for a long time.
- Q7: What is your mode of payment for mass production?
A: Generally,after receiving 50%-100% deposit from customers,they begin to prepare materials. Delivery is about 5 working days after receipt of the final payment.

Q8: Will you inspect the goods before delivery?
A: Yes, we'll ship the goods after 100% inspection.

Q9: How long is your warranty period?
A: We guarantee the quality for one year.



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