

# 800x480 Resolution Small LCD Touch Screen 7.0 Inch 24 Bit Parallel RGB Interface

# **Basic Information**

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

Certification: ROHS ISO9001 CEModel Number: CH700WV03A-CTA

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: 800x480 Resolution Small LCD Touch

Screen

LCD Type: 7.0"TFT+CTP
 Dot Arrangement: 800×3(RGB)×480
 Color Pixel Arrangement: RGB Vertical Stripe

Display Mode: TN / Transmissive / Normally White

• Tft Interface: RGB

Highlight: RGB Interface LCD Touch Screen Module,

LCD Touch Screen Module 7.0 Inch, CH700WV03A-CTA LCD Touch Screen



## **Product Description**

800x480 Resolution Small LCD Touch Screen 7.0 Inch 24 Bit Parallel RGB Interface

#### 1. Specification of 800x480 lcd touch screen

Туре:	TFT
Viewing Direction:	12 o' Clock
Connection type:	COG+FPC
Operating temperature:	30 ~80
Storage temperature:	30 ~80
CTP Driver IC:	GT911
Interface type:	RGB
Brightness:	280 CD/

#### 2. Description of 800x480 touch lcd

ChengHao Display model CH700WV03A-CTA is a color active matrix thin film transistor (TFT) liquid crystal display (LCD) that uses amorphous silicon TFT as a switching device. It is mainly composed of touch panel, tft lcd panel, backlight, driver IC and FPC.

- (1) The touch panel is capacitive and uses the I2C interface to interconnect with other components. The glass cover attached to CTP can be customized according to customer requirements.
- (2) The Back light uses 21 White LED as the light source, which can make the 7 inch lcd touchscreen produce a luminance of 280 cd/m2.
- (3) The TFT FPC uses 24-bit Parallel RGB Interface, and the FPC Number is 40 pins, which can be customized according to customer requirements. The customized content includes shape structure, interface definition, etc.
- (4) The tft lcd panel has a 7.0inch display area, which can display 800\*3(RHB)\*480 images.

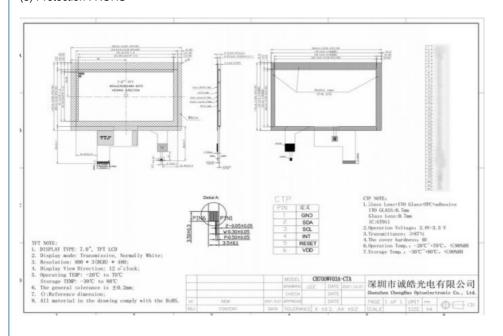
# 3. Drawings of 800x480 small tft lcd

Notes:

(1) Display Type : 7.0" TFT (2) Viewing Direction : 12:00

(4) Polarizer Mode: Transmission / Positive

(5) Operating Temp: -20~70
(6) Storage Temp: -30~80
(7) Unmarker Tolerance: ±0.20
(8) Protection: ROHS



#### 4. Qucik Detail of 800x480 tft lcd screen

LCD type: 7.0"TFT+CTP

Dot arrangement : 800×3(RGB)×480 dots Color Pixel Arrangement : RGB vertical stripe Display Mode : TN / Transmissive / Normally white

Viewing Direction: 12 o'clock

Gray Scale Inversion Direction: 6 o'clock

CTP type: LENS Glass+ITO Glass+FPC+Adhesive

Surface Treatment : 6H CTP Driver IC : GT911

Module size :  $180(W) \times 119(H) \times 5.27(T)$  mm

TFT/CTP Active area: 154.08(W)×85.92(H) mm TFT Dot pitch: 0.1926 (W)×0.1790 (H) mm Interface: 24-bit Parallel RGB Interface Operating temperature: -20 ~ +70 Storage temperature : -30 ~ +80

Back Light: 21 White LED Weight: TBD g

# 5. Application of 800x480 tft screen

Telecommunication Devices Tele, Inter, watch, radio, etc. Home Appliances Washing Machine, Refrigerator, Home Integrator etc Industrial Control Homotaxial Numerically-controlled machine tool Instrument and Apparatus Tester, Medical instruments

Vehical-mounted Digital MP3, MP4 and vehical-mounted air conditioner

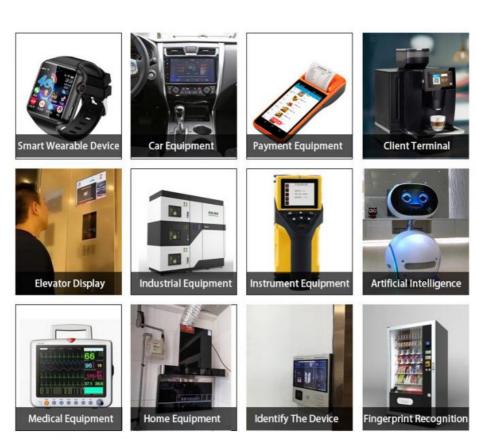
Mining Mine's lamp charger, gas tester

Marine Salinity tester

According to customers' various requests, TFT lcd, lcd panel, lcd monitor, lcd screen, FSTN and STN lcd display, industrial lcd, we can match all accessories which inclusive of driver board, LED backlight & LVDS cables.

## ODM/OEM accetable

Various LCD Display Mode with different backlight color and temperature range available





Shenzhen ChengHao Optoelectronic Co., Ltd.



+86 755-27806536



add@chenghaolcm.com



chenghaolcd.com