320x480 TFT LCD Display 3.5inch Small Color TFT LCD Touch Screen For Smart Home

Basic Information

- Place of Origin: China Shenzhen
- Brand Name: Chenghao Optoelectronic
- Certification: CE RoHS FCC
- Model Number: CH350HV49B-CTB
- Minimum Order Quantity: No Moq
- 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: 3~7 Days
- Payment Terms: TT or Others
- Supply Ability: 20000000 pcs/month

Product Specification

- Product Name: 3.5 Inch Touch Lcd
- Lcd Interface: SPI + MCU + RGB
- Display Mode: IPS / Transmissive / Normally Black
- Viewing Direction: 85/85/85/85
- Life-time: 30000 H
- Operating Temperature: -20 ~ +70 ℃
- Touch Panel Type: Capacitive
- Touch Panel Interface: IIC
- Luminance: 300 Cd/m2
- Highlight: **3.5inch TFT LCD Touch Screen**, **320x480 TFT LCD Display**, **Smart Home TFT LCD Touch Screen**

More Images

Product Description:

Smart Door Lock LCD Module

CH350HV49B-CTB is a 3.5 inch small touch LCD module designed by Chenghao Optoelectronic for smart door lock products. The module is specifically designed for use in smart door lock products and is ideal for small, easy-to-install systems.

The display module has a resolution of 320*480 pixels and can display 262K color videos or images. The screen design brightness is 300 cd/m2 Luminance. This level of brightness allows the display to function well in most indoor environments, giving users a clear view of the information being displayed.

The display module adopts IPS/Transmissive/Normally Black display mode, which provides high-quality image and video displays. In addition, it supports 85/85/85/85 viewing angles, allowing users to view the display from different angles without losing clarity.

The module can run smoothly for more than 30000 hours in -20 ~ +70°C environment, making it ideal for a wide range of indoor applications. The module supports SPI, RGB, MCU and other interfaces, giving designers flexibility in their design choices. The display module is RoHS-compliant and halogen-free, ensuring that it meets all international standards for environmental protection. By choosing this module, designers can be sure that they are making an environmentally responsible choice for their product.

Customization

For most customers, LCD customization is an unavoidable choice. Chenghao Optoelectronic can modify its existing display modules according to customer requirements. The supported modifications include but are not limited to the following:

(1) Customization of FPC shape and structure
(2) Modification of backlight brightness
(3) Customization of LCD interface
(4) Installation or removal of touch panel
(5) Design of touch glass cover
(6) Screen anti-glare
(7) Silk screen printing
(8) Punching of glass cover
...

TFT NOTES:
1. DISPLAY TYPE: 3.5"IPS(INCELL)
2. VIEWING DIRECTION: 85/85/85/85
3. LCD/CTP DRIVE IC:
4. POLARIZER MODE: TRANSMISSIVE/NEGATIVE
5. OPERATING TEMP: -20° C~+70° C
6. STORAGE TEMP: -30° C~+80° C
7. UNMARKER TOLERANCE: ±0.20
8. REQUIREMENTS ON ENVIRONMENTAL PROTECTION: RoHS

3.5" TFT
480×320 DOTS

LEDA — LEDK

IF=40mA, VF=15±1.5V,
Luminance: 300cd/m2(Typ.)

			MODEL	CH350HV49B-CTB	深圳市诚皓光电有限公司
			DRAWING	LGZ	DATE	2024.11.23	Shenzhen Chenghao Optoelectronic Co., Ltd.
			CHECK		DATE		
VO	NEW	2024.11.23	APPROVE		DATE		PAGE 1 of 1	UMIT mm
REV.	CONTENT	DATA	TOLERANCE	.X ±0.3, .XX ±0.2	SCALE		SIZE A4	(3)

Technical Parameters:

Touch Panel Interface	IIC
Lcd Interface	SPI + MCU + RGB
Touch Panel Type	Capacitive
Storage Temperature	-30 ~ +80 ℃
Operating Temperature	-20 ~ +70 ℃
Life-time	30000 H
Display Mode	IPS / Transmissive / Normally Black
Resolution	480*320 Dots
Luminance	300 Cd/m2
Viewing Direction	85/85/85/85

FAQ:

Q: What is the brand name of this product?
A: The brand name of this product is Chenghao Optoelectronic.
Q: What is the model number of this product?
A: The model number of this product is CH350HV49B-CTB.
Q: Where is this product made?
A: This product is made in China, specifically in Shenzhen.
Q: What certifications does this product have?
A: This product has CE, RoHS, and FCC certifications.
Q: What is the minimum order quantity for this product?
A: There is no minimum order quantity for this product.
Q: How is this product packaged?
A: All products are packed in the right way to keep them safe. For small sizes of products, we use tray + carton. For bigger sizes, we use foam slot + carton. We can also design packages according to customers' requirements.
Q: What is the delivery time for this product?
A: The delivery time for this product is 3-7 days.
Q: What are the payment terms for this product?
A: The payment terms for this product are TT or other options.
Q: What is the supply ability for this product?
A: The supply ability for this product is 20,000,000 pcs/month.