

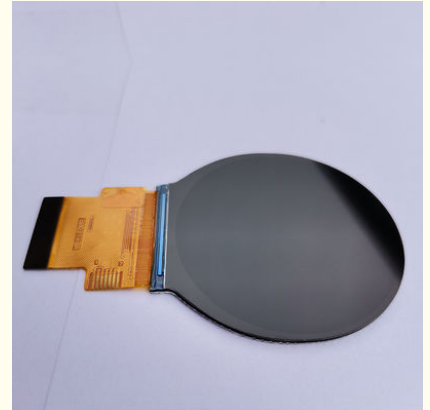
3.2" Small Lcd Touch Display IPS Full Viewing Direction 240 320 QVGA Color Screen Tft

Our Product Introduction

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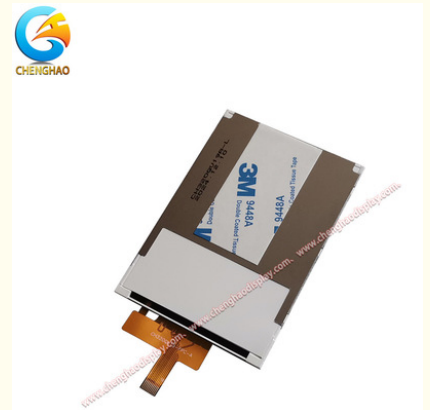
Basic Information

- Brand Name: Chenghao Optoelectronic
- Certification: CE、RoHS
- Model Number: CH320QV19A-L
- Minimum Order Quantity: 100 Pcs
- 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
- Supply Ability: 300Kpcs/month

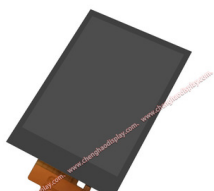


Product Specification

- Viewing Area Size: 49.2x65.4 Mm
- Viewing Direction: 80/80/80/80
- Contrast: 800
- Touch Interface: IIC
- Module Type: 3.2" TFT +Black Cover
- Operating Temperature: -20 ~ +70
- Touch Type: No Touch
- Storage Temperature: -30 ~ +80
- Highlight: 3.2 inch IPS LCD touch display, QVGA color TFT screen, full viewing direction LCD



More Images





Product Description

Product Description:

The IPS LCD Display is a cutting-edge product that combines the latest display technology with advanced features to provide an exceptional viewing experience. With its IPS/Transmissive/Normally Black display mode, this LCD touch screen offers superior color reproduction and wide viewing angles, making it ideal for a variety of applications.

One of the standout features of this IPS LCD screen is its impressive screen brightness of 300 Cd/m², ensuring that content is displayed with clarity and vibrancy even in bright environments. Whether you are indoors or outdoors, this LCD display module delivers consistent performance with its high brightness levels.

When it comes to viewing direction, the IPS LCD Display excels with an 80/80/80/80 viewing direction, providing a wide range of angles from which the screen can be viewed without compromising on image quality. This makes it perfect for situations where multiple viewers need to access the screen simultaneously from different positions.

In terms of contrast, this LCD touch screen boasts a contrast ratio of 800, enhancing the depth and richness of colors on display.

Whether you are watching videos, viewing images, or reading text, the high-contrast ratio ensures that every detail is sharp and well-defined for an immersive viewing experience.

The module type of the IPS LCD Display is a 3.2" TFT +Capacitive Touch, combining the benefits of a thin-film transistor (TFT) display with a responsive capacitive touch interface. This configuration allows for precise touch input and seamless interaction with the screen, making it perfect for interactive applications and user-friendly interfaces.

Overall, the IPS LCD Display is a top-of-the-line product that offers exceptional performance, stunning visuals, and intuitive touch capabilities. Whether you are designing a new digital signage solution, developing a mobile device, or upgrading your current display technology, this LCD touch screen is sure to meet and exceed your expectations.

Features:

Product Name: IPS LCD Display

Display Mode: IPS/Transmissive/Normally Black

Module Type: 3.2" TFT +Capacitive Touch

Color: 16M

Lcd Interface: SPI

Active Area Size: 48.6x64.8 Mm

Technical Parameters:

FPC Pin numbers	10
Touch Interface	IIC
Screen Size	3.2 Inch
Operating Temperature	-20 ~ +70
Screen Brightness	300 Cd/m ²
Resolution	240x320 Dots
Lcd Interface	SPI
Display Mode	IPS/Transmissive/Normally Black
Module Size	55.04x77.7x3.2 Mm
Contrast	800

Applications:

The IPS LCD Display by Chenghao Optoelectronic, model number CH320QV19A-L, is a versatile product suitable for a wide range of application occasions and scenarios due to its high-quality features and specifications.

One common application scenario for this display is in handheld devices such as portable medical equipment, industrial controllers, and handheld instruments. The small size of the module (55.04x77.7x3.2 mm) makes it ideal for integrating into compact devices where space is limited. The 3.2-inch screen size coupled with a resolution of 240x320 dots ensures clear and sharp display of information.

Another product application occasion for the IPS LCD Display is in smart home devices and IoT (Internet of Things) products. The viewing direction of 80/80/80/80 allows for excellent visibility from various angles, making it suitable for devices that are interacted with from different positions. The operating temperature range of -20 to +70 ensures reliable performance even in challenging environmental conditions.

Furthermore, the IPS LCD Display can be used in automotive applications such as in-car entertainment systems, digital dashboards, and navigation displays. The CE and RoHS certifications guarantee compliance with industry standards and regulations, making it a reliable choice for automotive manufacturers.

With a minimum order quantity of 100 pcs and a supply ability of 300Kpcs/month, the Chenghao Optoelectronic IPS LCD Display offers flexibility for both small-scale projects and large-scale productions. The packaging details ensure that all products are well-protected during transit, with options for different sizes of products.

In conclusion, whether you are looking for a small LCD display for handheld devices, smart home applications, automotive displays, or industrial equipment, the Chenghao Optoelectronic IPS LCD Display (model number CH320QV19A-L) is a reliable and high-quality choice that meets various product application occasions and scenarios.

Customization:

Product Customization Services for IPS TFT LCD Display:

Brand Name: Chenghao Optoelectronic

Model Number: CH320QV19A-L

Certification: CE,RoHS

Minimum Order Quantity: 100 Pcs

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

Supply Ability: 300Kpcs/month

LCD Interface: SPI

Viewing Direction: 80/80/80/80

Screen Size: 3.2 Inch

Active Area Size: 48.6x64.8 Mm

Touch Interface: IIC

Support and Services:

Our product technical support and services for the IPS LCD Display include:

- Assistance with product installation and setup
- Troubleshooting and resolving technical issues
- Providing software updates and patches
- Offering product training and guidance
- Warranty support and repair services
- Continuous monitoring and improvement of product performance

Packing and Shipping:

Product Packaging for IPS LCD Display:

Our IPS LCD Display is carefully packaged to ensure its safe arrival at your doorstep. Each display is wrapped in protective foam and placed in a sturdy cardboard box to prevent any damage during transit.

Shipping Information:

We offer fast and reliable shipping options for our IPS LCD Display. Once your order is placed, our team will carefully pack your display and ship it to you using a trusted courier service. You will receive a tracking number so you can monitor the delivery status of your package.

FAQ:

Q: What is the brand name of this IPS LCD Display?

A: The brand name is Chenghao Optoelectronic.

Q: What is the model number of this IPS LCD Display?

A: The model number is CH320QV19A-L.

Q: What certifications does this IPS LCD Display have?

A: This IPS LCD Display is certified with CE and RoHS.

Q: What is the minimum order quantity for this IPS LCD Display?

A: The minimum order quantity is 100 Pcs.

Q: What are the packaging details for this IPS LCD Display?

A: All the products are packed in the 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.



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