



3.2" Ips Panel Display IIC Capacitive Touch 320x240 Resolution IPS 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

- Lcd Interface: SPI
- Operating Temperature: -20 ~ +70
- Storage Temperature: -30 ~ +80
- Color: 16M
- Module Type: 3.2" TFT +Capacitive Touch
- Screen Brightness: 300 Cd/m2
- Module Size: 55.04x77.7x3.2 Mm
- Viewing Direction: 80/80/80/80
- Highlight: **3.2 inch IPS TFT display ,
IIC capacitive touch screen ,
320x240 resolution LCD module**

Product Description

Product Description:

The IPS LCD display is a cutting-edge technology that provides vivid and crisp images with a color depth of 16 million colors. This advanced display technology ensures that every image is displayed with stunning clarity and vibrant colors, making it ideal for a wide range of applications.

Featuring 10 FPC pin numbers, this IPS LCD screen is designed for seamless connectivity and easy integration into various devices and systems. The FPC pin numbers ensure a secure connection and reliable performance, making it a versatile and user-friendly display solution.

With a screen size of 3.2 inches, this IPS LCD display offers a compact yet immersive viewing experience. Whether used in handheld devices, industrial equipment, or other applications, the 3.2-inch screen provides ample space for engaging content and clear visuals, enhancing the overall user experience.

The wide temperature LCD display is designed to withstand extreme temperature ranges, operating flawlessly in temperatures ranging from -20 to +70 degrees Celsius. This ensures that the display remains functional and reliable even in harsh environmental conditions, making it suitable for outdoor and industrial applications.

Measuring 55.04 x 77.7 x 3.2 mm in module size, this IPS LCD display is compact and lightweight, making it easy to integrate into various devices and systems. The slim form factor and precise dimensions make it a versatile display solution for applications where space is limited and design considerations are paramount.

Combining the superior image quality of an IPS LCD screen with the durability and versatility of a wide temperature LCD display, this TFT display offers a high-performance and reliable solution for diverse applications. Whether used in consumer electronics, automotive displays, medical devices, or industrial equipment, this IPS LCD display delivers exceptional visuals and dependable performance.

Features:

Product Name: IPS LCD Display

Color: 16M

Storage Temperature: -30 ~ +80

Display Mode: IPS/Transmissive/Normally Black

Touch Interface: IIC

Resolution: 240x320 Dots

Technical Parameters:

Storage Temperature	-30 ~ +80
Operating Temperature	-20 ~ +70
Screen Size	3.2 Inch
Active Area Size	48.6x64.8 Mm
Screen Brightness	300 Cd/m2
Viewing Area Size	49.2x65.4 Mm
Module Type	3.2" TFT +Capacitive Touch
Contrast	800
Viewing Direction	80/80/80/80
Touch Type	Capacitive

Applications:

One of the key attributes of this TFT module is its wide viewing direction of 80/80/80/80, making it ideal for applications where multiple viewers need to see the display clearly from different angles. The IPS/Transmissive/Normally Black display mode ensures excellent color reproduction and contrast, making it perfect for projects that require vivid visuals.

The active area size of 48.6x64.8 mm provides ample space for content display, making it suitable for applications that require detailed information to be shown on the screen. Additionally, the LCD interface using SPI allows for easy integration with various systems and controllers.

With a minimum order quantity of 100 pcs and a supply ability of 300Kpcs/month, the Chenghao Optoelectronic IPS LCD Display is suitable for both small-scale projects and large-scale productions. The delivery time of 7-15 working days ensures timely availability of the product for urgent requirements.

Storage temperature ranging from -30 to +80 makes this LCD screen module suitable for a variety of environments, including outdoor applications where temperature fluctuations may occur. The packaging details ensure that all products are safely packed, with options for tray + carton or foam slot + carton based on the size of the product.

In conclusion, the Chenghao Optoelectronic IPS LCD Display is a reliable and versatile product that can be used in a wide range of scenarios, from industrial applications to consumer electronics. Its high-quality display and efficient interface make it a top choice for projects that require a superior viewing experience.

Customization:

Product Customization Services for IPS 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

Viewing Area Size: 49.2x65.4 Mm

LCD Interface: SPI

Screen Size: 3.2 Inch

Module Type: 3.2" TFT +Capacitive Touch

Touch Type: Capacitive

Support and Services:

Our Product Technical Support and Services for the IPS LCD Display include:

- Troubleshooting assistance for display issues
- Guidance on setting up and calibrating the display
- Software updates and compatibility information
- Warranty coverage and claims process
- Repair and replacement services
- User manuals and documentation for reference

Packing and Shipping:

Product Packaging and Shipping:

Our IPS LCD Display is carefully packaged to ensure safe delivery to our customers. Each display is securely wrapped in protective materials and placed in a sturdy cardboard box to prevent any damages during transit.

For shipping, we use reliable courier services to deliver your order in a timely manner. You will receive a tracking number once your package is dispatched so you can monitor the delivery status.

FAQ:

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

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 pieces.

Q: How long does it take for delivery of this IPS LCD Display?

A: The delivery time is 7-15 working days.



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