



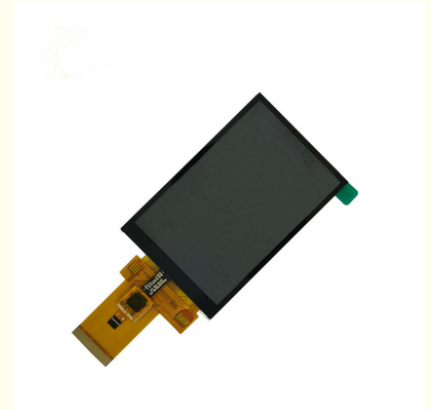
3.5 Inch Ips TFT LCD Capacitive Touchscreen 320 X 480 ILI9488 MCU Tft Lcd Display Module

Our Product Introduction

for more products please visit us on tft-displaylcd.com

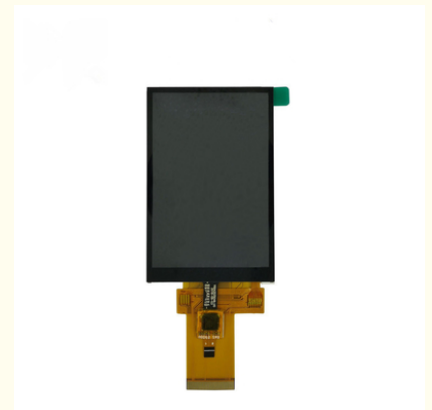
Basic Information

- Place of Origin: Guangdong, China
- Brand Name: oem
- Certification: ROHS、ISO9001、CE
- Model Number: ZH035SHV006NSV.C
- Minimum Order Quantity: 1pieces
- Price: Negotiated
- Packaging Details: Carton Packing
- Delivery Time: 7-15 working days
- Payment Terms: T/T, Western Union
- Supply Ability: 300k per month

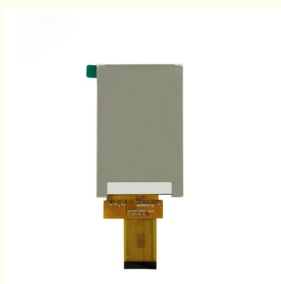


Product Specification

- Application: Consumer Electronics
- Interface: MCU, MCU/RGB
- Type: Capacitive, LCD Panel+CTP
- Drive IC: ILI9488
- Size: 3.5"
- Color: Black
- Viewing Angle: 300nits
- Contrast Ratio: 16:9
- Resolution: 320X480
- Viewing Direction: Free
- Warranty: 1 Year
- Driver IC: ILI9486L/ILI9481/ILI9488
- Highlight: ips tft lcd capacitive touchscreen,
tft lcd capacitive touchscreen 320 x 480,
ips lcd tft capacitive touchscreen



More Images



Product Description

Product Description

3.5 Inch Ips LCD 320*480 ILI9488 MCU Interface TFT Display Screen With Capacitive Touch Screen

Part Number:	ZH035SHV006NSV.C
Size:	3.5 inches
Resolution:	320x 3(RGB) x 480
Aspect ratio:	16:9
Module size:	54.56*84.07*1.95
Active area:	48.96 x 73.44
Viewing angle:	80/80/80/80
Operating temperatures:	-20 to 70
Storage temperature:	-30 to 80
Brightness:	300cd/m2
Interface:	MCU/RGB
Driver IC:	ILI9486L/ILI9481/ILI9488
Touch Screen:	Capacitive touch screen
Backlight:	White Led

Overview: This 3.5-inch IPS (In-Plane Switching) LCD display offers a resolution of 320x480 pixels, providing exceptional color accuracy, wider viewing angles, and excellent brightness. Combined with capacitive touch technology, this display offers multi-touch support and a smooth, responsive user experience. Its small form factor makes it ideal for handheld devices, industrial controls, and embedded systems requiring high-quality visuals and touch interactivity.

Key Features:

Screen Size: 3.5 inches (diagonal)

Resolution: 320x480 pixels, ensuring sharp and detailed images

Display Type: IPS (In-Plane Switching) LCD for superior color reproduction and wide viewing angles

Touch Panel: Capacitive touch screen, supporting multi-touch gestures (typically 5-point or 10-point touch)

Interface: SPI, or RGB interface for display; I²C for the touch panel

Backlight: LED backlight for enhanced brightness and readability in various lighting conditions

Color Depth: 16.7 million colors (24-bit color depth)

Aspect Ratio: 3:2, optimized for a variety of content and user interfaces

Viewing Angle: Wide viewing angles of 178° both horizontally and vertically, thanks to IPS technology

Brightness: Typically around 300-450 cd/m² for clear visibility

Touch Sensitivity: Smooth and highly responsive capacitive touch panel, providing accurate multi-touch input

Operating Voltage: 3.3V or 5V, depending on the driver and touch controller used

Driver IC: Compatible with popular LCD drivers such as ILI9488, and touch controllers like FT6206 or GT911

Operating Temperature: -20°C to 70°C, suitable for industrial, outdoor, and consumer applications

Dimensions: Compact and thin design, ideal for embedded systems and portable devices

Applications:

Industrial control panels

Handheld devices (medical equipment, portable consoles, etc.)

Consumer electronics such as smart home devices and multimedia players

Automotive displays for navigation or infotainment systems

Point-of-sale (POS) systems

Interactive kiosks

Advantages:

IPS Technology: Provides superior color accuracy, contrast, and wider viewing angles compared to TN panels, making it ideal for high-quality displays

Capacitive Touch: Enables multi-touch gestures for a modern, responsive user experience with higher durability and clarity compared to resistive touch screens

Compact and High Resolution: 320x480 resolution offers good clarity for small screen sizes, making it suitable for detailed images and text

Wide Compatibility: Supports various interfaces like SPI or RGB for easy integration with platforms such as Arduino, Raspberry Pi, and other microcontrollers

Durable and Efficient: Long-lasting LED backlight and scratch-resistant glass on the capacitive touch panel enhance its durability

Energy-Efficient: Low power consumption makes it ideal for battery-powered devices

FACTORY SHOW



COG Automatic Plant



Bonding IC



Rubberizing



Sample production



Assembling



QC testing

FAQ

Q: When can i get the quotation?

A: We usually quote within 12 hours after we got your inquiry.

If it is very urgent, please call us or contact us via email, Skype or WhatsApp.

Q: What is your warranty?

A: We provide one year warranty.

Q: May i buy samples from you?

A: Yes! You are welcome to place sample order to test our superior quality and service.

Q: How to place bulk order?

A: 1) Tell us model number, quantity, color and other special requirements.

2) Proforma Invoice will be made and sent to you for approval

3) Production will be arranged once get your payment or deposit.

4) Goods will be delivered as stated on the Proforma Invoice.

Q: How will you deliver my goods to me?

A: We provide as many shipping options as possible, such as DHL, UPS, FEDEX, TNT AND EMS to enable our customers get their goods rapidly at door. We also ship by economical method such as air cargo and sea cargo, direct line, air mail according to customers' request.

Q: What about the quality of your product?

A: We provide unrivaled quality: very rigorous testing process for incoming quality control, input process quality control, and final quantity control for every piece. We follow QC test procedure, and do 100% FQC to ensure your satisfaction.

Q: Can you provide OEM service?

A: Yes! We can provide professional OEM service.

Q: What payment method do you accept?

A: T/T(bank transfer), L/C and paypal

Q: Do you have any after-sales service?

A: Yes! Our product has professional after-sales service dept. Follow up R.M.A. Items service and upload product firmware and app for you download.

If you have any technical questions with the goods, please feel free to contact our technical support dept, or our sales directly.



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