

1.3 Inch IPS TFT LCD Display with 240x240 Pixels and SPI Interface for Free Viewing Angles

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.78-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 300000/MONTH



Product Specification

- Highlight: **240x240 Pixels TFT LCD Display, SPI Interface IPS TFT Screen, IPS Free Viewing Angles LCD Display Module**



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Product Description

1.3 Inch IPS TFT LCD Display 240x240 Pixels SPI Interface 24 Pin With Cover Glass

Product Overview

Product:	1.3 Inch IPS TFT LCD	Touch Screen:	Without
Resolution:	240x240 Dots	Cover Glass:	With, Customizable
Viewing Direction:	IPS, Free Viewing Angles	Interface:	SPI Interface
Pin Number:	24 Pins	Connection:	Plugging
Surface Luminance:	250 Cd/m ² (nits)	LED Lifetime:	40,000 Hours
Certificate:	ISO9001:2015 / ISO14001:2015	Compliance:	RoHS & REACH Compliant

Technical Specifications

Item	Contents
LCD Size	1.3 inch (Diagonal)
Display Mode	Normally black
Resolution	240(H)RGB x 240(V)
Dot pitch	0.0975 (H) x 0.0975(V) mm
Active area	23.4(H) x 23.4(V) mm
Module size	26.16(H) x 29.22(V) x 1.5Max(D) mm
Cover Glass Size	Customizable
Interface	SPI
Drive IC	ST7789P3
Luminance	250 (TYP) cd/m ²
Viewing Direction	All View
Backlight	2 White LED
Operating Temp.	-20°C ~ +70°C
Storage Temp.	-30°C ~ +80°C
Weight	TBD

Product Features

Excellent Display Quality: IPS technology with 240x240 pixel resolution delivers natural color transitions, detailed imagery, and sharp text/icons

Convenient Interface: SPI interface enables easy connection with microcontrollers and embedded systems

Durable Construction: Protective cover glass prevents scratches and impacts while enhancing screen clarity

Wide Viewing Angles: IPS panel provides approximately 80-degree viewing angles with minimal color distortion

Robust Performance: Operating temperature range of -20°C to 70°C ensures reliability in various environments

Applications

Smart Wearable Devices: Smart watches, fitness trackers for time, heart rate, and step display

Smart Appliances: Microwave ovens, hair clippers, depilators for status and parameter settings

Medical Instruments: Blood pressure monitors, glucose meters for clear data presentation



Frequently Asked Questions

I want the LCD display 8 digits and the outline size is 65x30x2.8mm?

No problem. Please send us your specifications or drawing. If unavailable, provide samples for our recommendation or we can customize based on your requirements.

This LCD is just what we want, but it is big size. Do you have any smaller size? And the display content need to be changed a little.

For segment type LCD modules requiring size or content modifications, we can create new tooling for custom solutions.

This LCD display is HTN type, but I want STN type. Can you make?

Yes, we can modify the display type according to your specifications.

I want to customize a new LCD module. Can you do?

Yes, we provide custom LCD solutions. Please provide your drawing or specifications including outline size, display information, glass thickness, polarizer type, connector mode, temperature ranges, and drive conditions.

What is the lead time for tooling?

Typically 15-25 days after drawing confirmation and tooling payment. Exact timing will be confirmed upon drawing approval.

Can you send us samples for checking?

Yes, sample orders are available for evaluation.

What is the lead time?

Standard products in stock ship within one day after payment. Mass production for custom orders typically takes 15-30 days, with updates provided if completed earlier.



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