

2.8 Inch TFT LCD Screen with Capacitive Touch Screen 320x240 Resolution and SPI/MCU Interface for Transmissive Display

Our Product Introduction

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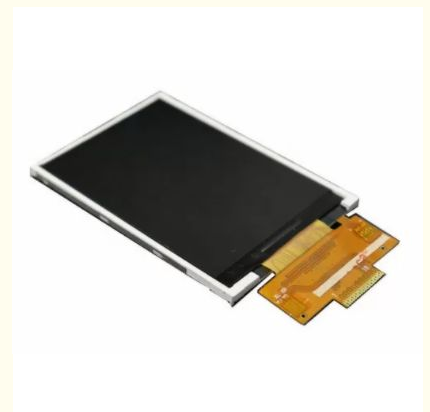
Basic Information

- 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

- Module Size: 50 * 69.2 Mm * 2.4 T
- Backlight Type: LED
- Touchscreen: No
- Luminance: 250 Cd/m2
- Screen Type: TFT
- Resolution: 320*240
- Product Type: TFT LCD Screen
- Viewing Angle: 12 O ' Clock
- Highlight: **Capacitive Touch Screen TFT LCD Screen , SPI/MCU Interface LCD Display , Transmissive Display TFT Display**



2.8 Inch TFT LCD Screen Capacitive Touch Screen 320x240 250 Nits



Product Overview

This 2.8-inch TFT capacitive touchscreen with 320×240 resolution and 250 nits brightness offers compact size with intuitive touch operation. Ideal for applications requiring precise interaction on small displays across various industries.

Technical Specifications

Resolution	240 × 320
Size	2.8 Inch
Viewing Direction	MCU, SPI
TFT Mode	TFT, Transmissive
Outline Size	50 × 69.2 mm × 2.4 T
Brightness	250 Nits

Detailed Specifications

Product Name	2.8 Inch TFT LCD Display 240 × 320 Dots
Display Outline Size	50 × 69.2 mm × 2.4 T
Resolution	250 cd/m ²
Viewing Angle	12 O'Clock
Technology Type	a-Si TFT
Display Mode	Normally White, Transmissive
Interface Type	SPI/MCU / 80-System 16 Bits Parallel Bus
Controller/Driver	ILI9341V

Key Features

- Compact 2.8-inch size with capacitive touch functionality
- 320×240 resolution for clear text and image display
- 250 nits brightness suitable for various lighting conditions
- Supports intuitive human-computer interaction
- Wide compatibility with multiple interface types

Applications

Consumer Electronics:

Mini MP5 players (touch screen for video selection, volume control)

Handheld game consoles (touch control for game characters)

Bluetooth speakers (song switching, playback status display)

Digital Accessories:

Portable photo printers (photo selection, parameter setting)

Sports camera screens (mode switching, outdoor viewing)

Mini voice recorders (file selection, recording status)

Vehicle Devices:

Bluetooth navigators (destination input, route switching)

Tire pressure monitoring (real-time data display)

Smart Home:

Central control panels (lighting, temperature control)

Smart door locks (unlocking, camera viewing)

Appliance controls (water purifiers, ovens)

Medical Devices:

Health monitors (blood pressure, oximeters)

Physiotherapy equipment (mode selection, intensity adjustment)

ECG machines (waveform display, parameter monitoring)

Frequently Asked Questions

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

No problem. Please send us your specification/drawing paper. If you don't have specifications, you can provide samples; we'll recommend suitable standard products or 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 modification, we need to create new LCD glass modules with custom tooling.

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

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

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

Yes, we can customize. Please send your drawing or provide details including outline size, display information, glass thickness, polarizer type, connector mode, temperature specifications, viewing direction, and drive conditions.

What is leading time for tooling?

Typically 15 to 25 days after drawing confirmation and tooling payment. We'll provide exact timing upon drawing approval.

Can you send us samples for checking?

Yes, sample orders are available.

What is the Leading Time?

For standard products in stock: 1 day after payment. For special mass production: 15-30 days. We'll inform you if we can complete earlier.



