

1.14-inch High-Brightness TFT LCD Display with 135×240 Resolution and 4-wire SPI Interface

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

- Surface Luminance: 400 Cd/m² (typical)
- Product Type: TFT LCD Screen
- Interface: 4-wire SPI
- Viewing Direction: 80° All Directions
- Screen Size: 1.14-inch
- Storage Temperature: -30°C To 80°C
- Touchscreen: Not Included (Customizable Upon Request)
- Backlight: White LED, 20mA Drive Current
- Highlight: **1.14-inch TFT LCD Display ,
High-Brightness TFT LCD Screen ,
135×240 Resolution TFT LCD Module**



Product Description

1.14-inch 135×240 High-Brightness TFT LCD Display

Product Overview

1.14-inch high-brightness TFT LCD module featuring 135×240 resolution with exceptional brightness and wide viewing angles.

Technical Specifications

Product	1.14-inch TFT LCD	Resolution	135 × 240 Pixels (RGB)
Display Type	IPS TFT, Normally Black	Interface	4-wire SPI
Operating Temperature	-20°C To +70°C	Driver IC	ST7789V
Surface Luminance	400 Cd/m ² (typical)	Viewing Direction	80° All Directions
Supply Voltage	2.5V - 3.3V	Backlight	White LED, 20mA Drive Current
Touch Panel	Not Included (Customizable Upon Request)	Compliance	REACH & RoHS Compliant

Product Features

Compact Dimensions: 17.6mm×31.0mm×1.6mm size ideal for space-constrained installations

High Pixel Density: Approximately 260 ppi for clear image display on small screens

IPS Technology: Wide viewing angles with consistent color and image clarity

SPI Interface: 4-wire SPI for fast communication and easy microcontroller integration

High Brightness: 300-400cd/m² range ensures visibility in bright environments

Advanced Driver: ST7789/ST7789V2 chips for stable performance and accurate color reproduction

Rich Color Support: 16-bit full-color display for vivid, realistic images

Applications

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

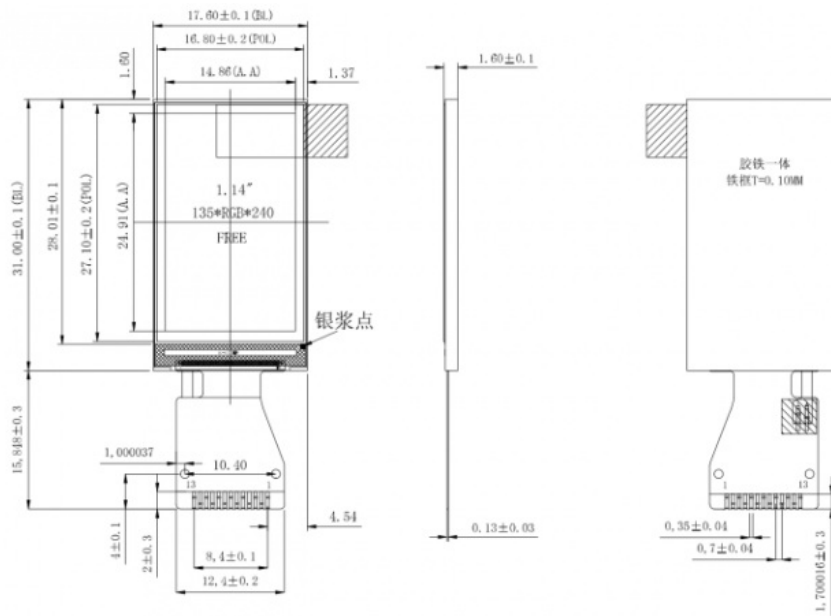
Portable Electronics: Medical devices, handheld game consoles, MP3 players

Embedded Systems: Development projects for system status and parameter display

Industrial Control: Small control panels for equipment monitoring and settings

Smart Home: Smart lock displays, home control terminals for interface and status





Interface Pin Definition

NO.	Symbol	Description
1	NC	No Connect
2	NC	No Connect
3	SDA	SPI interface input/output pin
4	SCL	Serial interface clock pin
5	RS	Display data/command selection pin in 4-line serial interface
6	RESET	Device reset signal (active low)
7	CS	Chip selection pin (Low enable, High disable)
8	GND	Power Ground
9	NC	No Connect
10	VDD	Power Supply for Analog
11	LEDK	LED Cathode
12	LEDA	LED Anode
13	GND	Power Ground

Frequently Asked Questions

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

Yes, we can accommodate this request. Please provide your specifications or drawing. If you don't have specifications, we can recommend suitable standard products or customize based on your requirements.

This LCD is what we want, but it's too large. Do you have smaller sizes? We also need minor display content changes.

For segment type LCD modules requiring size modifications or display content changes, we can create a new LCD glass module with custom tooling.

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

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

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

Absolutely. Please provide your drawing or specifications including outline size, display information, glass thickness, polarizer type, display type, connector mode, storage temperature, operating temperature, supply voltage, viewing direction, and drive conditions.

What is the lead time for tooling?

Typically 15 to 25 days after drawing confirmation and tooling payment. We will provide exact timelines upon drawing approval.

Can you send us samples for evaluation?

Yes, sample orders are available for testing and evaluation.

What is the lead time for production?

For standard products in stock: 1 day after payment. For mass production of custom items: approximately 15-30 days. We will notify you if we can complete orders earlier.



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