



## 7.6-Inch High Brightness 1000 cd/m<sup>2</sup> IPS Square TFT LCD Display with 800x800 Resolution and MIPI Interface

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH

High Brightness  
IPS Square



Vivid 800x800  
Resolution



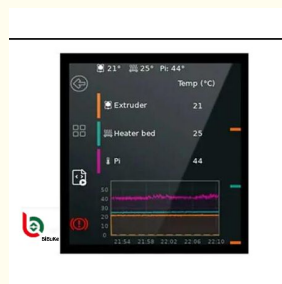
### Product Specification

- Viewing Direction: Free
- Outline Size: 142.56 (H)\*148.24 (V)\*5.1 (D)
- Storage temperature: -30°C To 80°C
- Touchscreen: Optional Capacitive Or Resistive Touch
- Backlight Technology: LED
- Luminance: 1000 Cd/m<sup>2</sup>
- Display Technology: TFT LCD
- Size: 7.6 Inch
- Highlight: **7.6-Inch TFT LCD Display, High Brightness 1000 cd/m<sup>2</sup> IPS TFT Screen, MIPI Interface LCD Module**



High Brightness IPS Square  
Vivid 800x800 Resolution

### More Images



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## Product Description

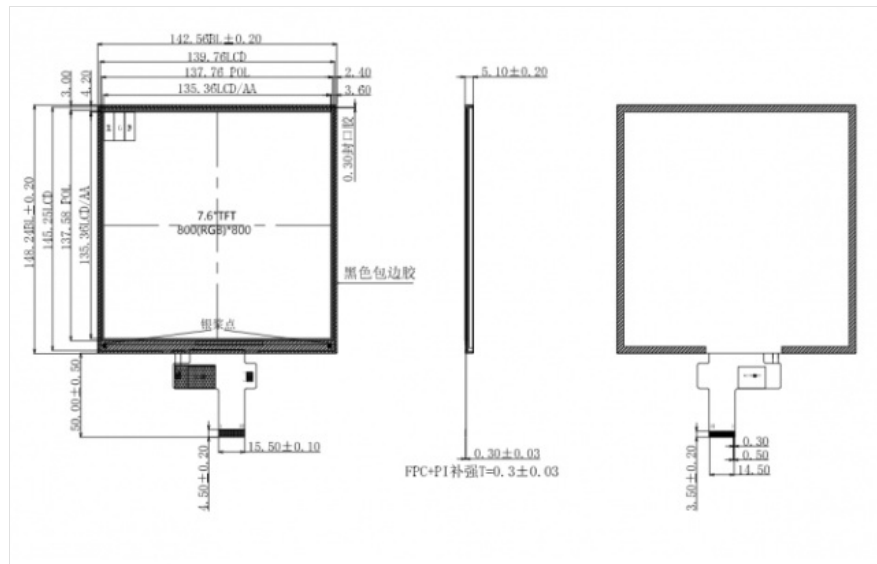
### 7.6-Inch High Brightness IPS Square TFT LCD Display

800\*800 Resolution with MIPI Interface

#### Product Specifications

Item	Specification	Unit
LCD Size	7.6	inch
Display Mode	Normally Black	--
Resolution	800(RGB)*800	Pixel
Pixel Pitch	36.5(H) * 109.5(V)	μm
Pixel Arrangement	RGB Vertical Stripe	
Viewing Direction	Free	-
Module Outline Dimension	142.56(H) * 148.24(V) * 5.1(D)	mm
LCD AA	135.36(H) * 135.36(V)	mm
Colors	16.7M	-
Interface	MIPI	-
Operating Temperature	-20 ~ +70	-
Storage Temperature	-30 ~ +80	-

#### Outline Drawing



#### Product Core Features

High-brightness rectangular display module designed for outdoor and industrial environments

IPS (planar conversion) technology with 1:1 800\*800 pixel square display

Effective display area: 135.36\*135.36mm

Compact structure with only 5.1mm thickness for easy integration

1000 cd/m<sup>2</sup> (nits) typical brightness for clear visibility in direct sunlight

16.7 million colors with accurate color reproduction

85°/85°/85°/85° full viewing angles with minimal color deviation

30-pin MIPI DSI high-speed interface for efficient data transmission

Low power consumption compatible with ARM, RK series embedded processors

Common driver IC: ILI9881C

White LED backlight with long lifespan and strong stability

Wide operating temperature range: -20 to +70

## Core Applications

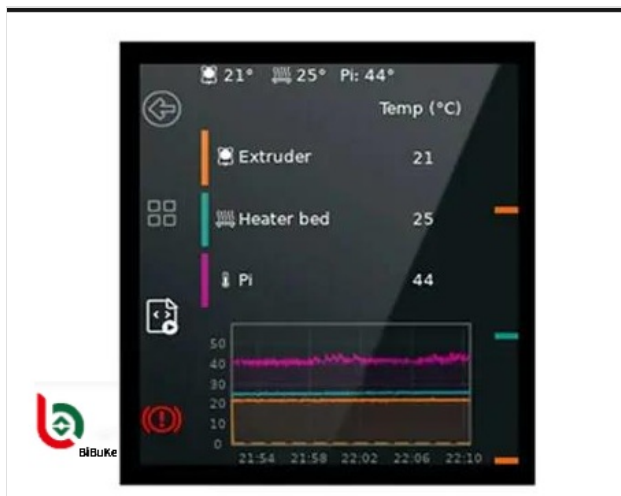
**Outdoor Industrial Equipment:** Construction machinery panels, agricultural equipment, environmental monitoring terminals, charging station displays

**Vehicle and Navigation:** Vehicle instrument panels, yacht and fishing boat navigation displays, mobile scenario applications

**Medical Instruments:** Portable ultrasound devices, monitors, blood analyzers, medical imaging displays

**Military and Simulation:** Flight simulator MFDs, UAV ground stations, individual equipment terminals

**Smart Terminals:** Outdoor advertising machines, intelligent delivery cabinets, self-service payment terminals



## Frequently Asked Questions

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

Yes, please send us your specifications or drawing. If you don't have specifications, you can provide samples and we'll recommend suitable products or customize based on your requirements.

### This LCD is what we want, but it's too big. Do you have smaller sizes? Can the display content be modified?

For segment type LCD modules, modifying outline size or display content requires a new LCD glass module with custom tooling.

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

Yes, we can change the display type according to your request.

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

Yes, we can customize LCD modules. Please send your drawing or provide outline size, display information, glass thickness, polarizer, display type, connector mode, temperature ranges, supply voltage, viewing direction, and drive conditions.

### What is the lead time for tooling?

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

### Can you send samples for checking?

Yes, sample orders are available.

### What is the lead time?

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



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