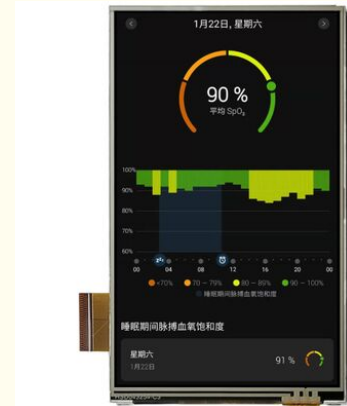


## 4.3 Inch 480x800 Resolution IPS TFT LCD Display with 45 Pins and MIPI Interface

### Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO90001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.7-7USD
- Packaging Details: CARTON
- Delivery Time: 3-47WEEKS
- Payment Terms: T/T
- Supply Ability: 100000/MONTH



### Product Specification

- Light Source: White LED\*6 ( Customizable )
- Screen Size: 4.3 Inches
- Pins Number: 45 Pins
- Storage Temperature: -30°C To 80°C
- Connectivity: Plugging ( Customizable )
- Touch Screen: With Resistive Touch Screen (Optional)
- Surface Luminance: 200 Cd/m<sup>2</sup> ( Customizable )
- Display Color: 262k
- Highlight: **4.3 Inch TFT LCD Display, 480x800 Resolution IPS TFT Screen, 45 Pins LCD Display Module**



## Product Description

### 4.3 Inch 480x800 45 Pins IPS TFT LCD Display

High-quality 4.3-inch IPS TFT LCD display with 480×800 resolution and 45-pin interface, featuring wide viewing angles and customizable options for various industrial applications.

#### Technical Specifications

Parameter	Specification
Product	4.3 Inch IPS TFT LCD
Resolution	480×800 Pixels
Viewing Direction	All Viewing Angles (IPS)
Touch Screen	With Resistive Touch Screen (Optional)
Interface	MIPI Interface (Customizable)
Pin Number	45 Pins (Customizable)
Connection	Plugging (Customizable)
Surface Luminance	200 Cd/m <sup>2</sup> (Customizable)
Operating Temperature	-20°C to +70°C
Compliance	REACH & RoHS Compliant

#### Detailed Product Features

**Screen Size:** 4.3 inches with active area of 56.16×93.60mm and outline dimension of approximately 61.56×104.65×3.75mm

**Display Quality:** 480×800 pixel resolution with approximately 217 PPI density for clear text and image display

**Interface Technology:** MIPI interface supporting high-speed data transmission for Android, Linux, and other systems

**Connection:** 45-pin configuration using FPC ZIP Connector

**Driver IC:** HX8369-A01 single-chip TFT mobile display driver with integrated GRAM, supporting 16.7 million colors

**Panel Type:** IPS technology with 178° viewing angle, minimal color/brightness shift, and excellent contrast/color reproduction

**Electrical Specs:** Supply voltage range of 2.6V to 3.3V (typical 2.8V)

**Performance:** High contrast, wide color gamut, excellent stability, and detailed display quality

#### Application Areas

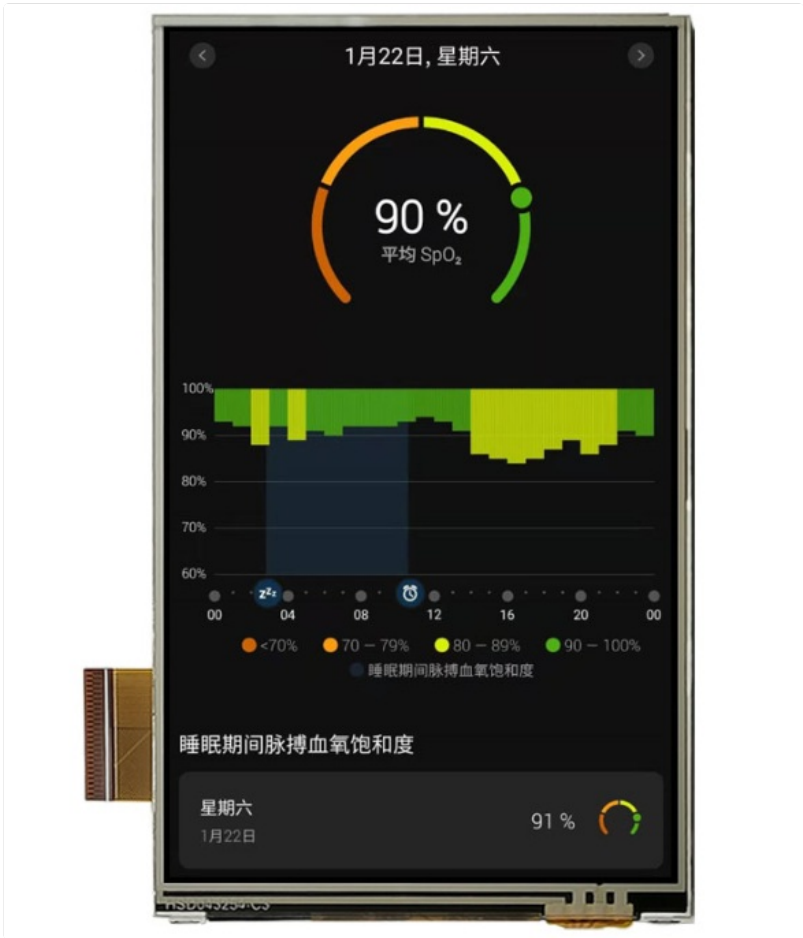
**Industrial Control:** HMI interfaces for complex charts and multi-level menus with capacitive touch functionality

**Medical Equipment:** Blood glucose meters, portable monitors with clear data display and low-blue-light options

**Vehicle-Mounted Display:** Cost-effective solution for navigation systems, rearview cameras with wide-temperature capability

**Smart Home:** Control panels supporting modern UI designs with low power consumption for 24/7 operation

**Portable Devices:** PDA handheld devices, MP4 players, learning machines, and recorders



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

Yes, we can accommodate custom specifications. Please provide your detailed specification or drawing. If unavailable, we can recommend suitable standard products or create custom solutions based on your requirements.

**This LCD is what we want, but it's too large. Do you have smaller sizes with modified display content?**

For segment type LCD modules requiring size or content modifications, we can create new LCD glass modules with custom tooling to meet your specific needs.

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

Absolutely. We can modify the display type according to your specifications and requirements.

**Can you customize a new LCD module for our application?**

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

**What is the lead time for custom tooling?**

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

**Can you provide samples for evaluation?**

Yes, sample orders are available for your testing and verification purposes.

**What is your standard lead time for production?**

For standard products in stock, lead time is one day after payment. For mass production of custom items, lead time is approximately 15-30 days. We communicate any schedule improvements in advance.



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