

## 4-inch Round TFT LCD Display with 720\*720 Resolution IPS Full Angle and MIPI 4 LANE BIT Interface

Our Product Introduction

### 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

- Viewing Area:  $\Phi 101.52\text{mm}$
- Lcd Type: TFT LCD
- LCM Interface: MIPI 4 LANE BIT Interface
- Module Outline Dimension: 105.6\*109.87\*2.13
- Lcd Ic: NV3051F
- Operating Temperature: -20~+70
- Number Of Pixels: 720\*3RGB(H)X720(V)
- Display: TFT Round LCD Display
- Highlight: **720\*720 Resolution Round TFT LCD Display, IPS Full Angle Circular TFT LCD, MIPI 4 LANE BIT Interface Round LCD Screen**



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## Product Description

### 4-inch 720×720 Circular IPS LCD Display

This 4.0-inch circular full-color TFT LCD display features capacitive touch compatibility, 720×720 resolution, IPS wide viewing angle technology, and high-brightness 450cd/m<sup>2</sup> output. Designed for wide temperature operation from -20°C to +70°C, it utilizes MIPI interface with customizable FPC, touch, and backlight configurations.

We provide comprehensive technical support, superior production quality control, and professional after-sales service to ensure optimal performance and reliability.

Ideal for smart home appliances, kitchen equipment, instrument displays, security access control, educational devices, medical equipment, and automotive connectivity applications.

### Product Specifications

Viewing Direction	All O'clock
Pixel Pitch (W×H)	0.047×0.141 mm
Number of Pixels	720×720
Active Area	Φ101.52 mm
Driver IC	NV3051F
Product Name	Round TFT LCD
Size	4.0 inch
Brightness	450 cd/m <sup>2</sup>
Interface	MIPI 4 LANE BIT Interface

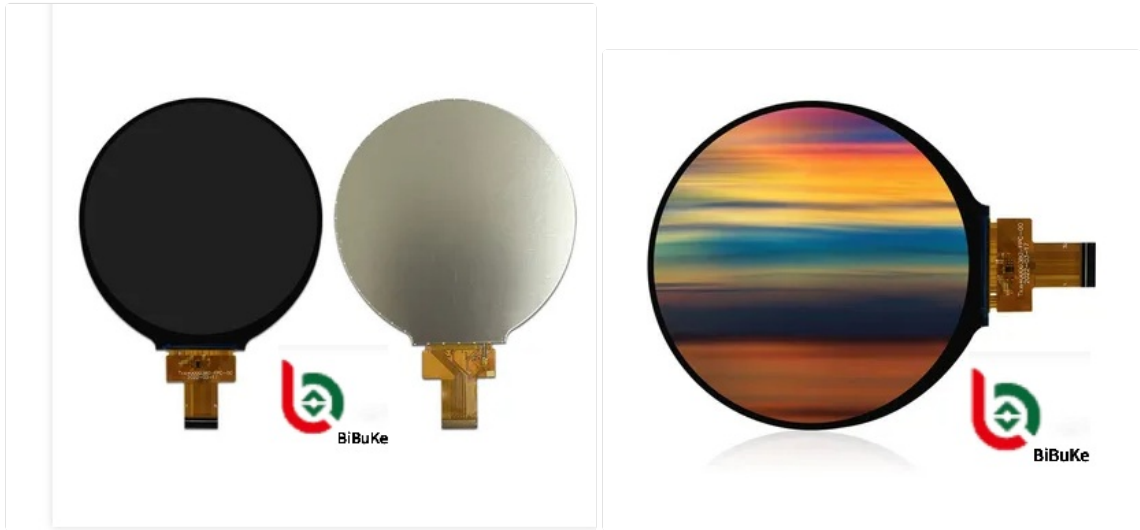
### Key Features

- Circular TFT LCD with Active Matrix Technology
- Full Color Display with High Resolution (720×720 pixels)
- Wide Viewing Angle (All O'clock)
- High-quality Image and Video Performance
- Suitable for Wearable Devices and Industrial Applications

### Technical Parameters

Parameter	Value	Unit
Size	4.0	Inch
LCD Type	Normally black	--
Drive Element	TFT active matrix	--
Number of Pixels	720×3RGB(H)×720(V)	Dots
Pixel Arrangement	RGB stripe	--
Pixel Pitch (W×H)	0.047×0.141	mm
Active Area	Φ101.52	mm
Outline Size (W×H×T)	105.6×109.87×2.13	mm
LCM Interface	MIPI 4 LANE BIT Interface	-
LCM Pin Count	40	
Backlight LEDs	6	pcs
Backlight Current	40	mA
Backlight Voltage	18	V

Operating Temperature	-30 to +80	
Storage Temperature	-30 to +80	
Brightness	450	cd/m <sup>2</sup>



## Frequently Asked Questions

### I want an LCD display with 8 digits and outline size of 65×30×2.8mm. Is this possible?

Yes, we can accommodate this request. Please provide your specifications or drawings. If you don't have technical drawings, you can send samples, and we'll recommend suitable standard products or customize according to your requirements.

### This LCD is what we need, but the size is too large. Do you have smaller sizes available?

For segment type LCD modules requiring size modifications or display content changes, we'll need to create a new LCD glass module, which involves opening new tooling.

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

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

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

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

### What is the typical lead time for tooling development?

Tooling typically requires 15-25 days after drawing confirmation and tooling charge payment. We'll provide exact timelines upon drawing approval.

### Can you provide samples for evaluation?

Yes, sample orders are available for quality verification and testing.

### What are your standard lead times 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'll notify you promptly if we can complete orders ahead of schedule.



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