

3.4 Inch Round TFT LCD Display with 800*800 Resolution IPS Panel and Custom Touch Screen

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

- Operating Temperature: -20°C To 70°C
- Resolution: 800*800
- Aa Size: $\Phi 87.6\text{mm}$
- Viewing Angle: ALL O'CLOCK
- Panel Type: IPS
- Product Type: TFT LCD Screen
- Backlight Technology: LED
- Display Type: TFT LCD
- Highlight: 800*800 Resolution Round TFT LCD Display,
IPS Panel Round TFT LCD Display,
Custom Touch Screen Round TFT LCD Screen



Product Description

3.4 Inch Circular Full-Color TFT LCD Display with Custom Touch Screen

Product Overview

High-performance circular TFT LCD display featuring full-color capabilities and customizable touch screen functionality for diverse industrial and commercial applications.

Key Specifications

- Pixel Resolution: 800×800
- Viewing Direction: All O'Clock
- Model Number: TXW340001B0
- Driver IC: JD9365DA
- Active Area: Φ 87.6mm
- High Resolution Circular TFT LCD
- Wide Viewing Angle

Technical Parameters

Product Name	Circular TFT LCD
Other Names	Round Liquid Crystal Display, Round TFT LCD
LCD Type	Normally Black
Lumens Degrees	500cd/m ²
Drive Element	TFT Active Matrix
Size	3.4 inches
Viewing Direction	ALL O'CLOCK
Active Area	Φ 87.6mm
Pixel Arrangement	RGB Stripe
IC/LCM Driver IC	JD9365DA
Operating Temperature	-20°C to +70°C
Mechanical Outline Size (W×H×T)	94.9mm × 96.95mm × 2.26mm

Product Features

Dimensions: Typical overall dimensions approximately 99.0mm × 96.6mm × 3.98mm with circular display area diameter of 87.6mm. Border width can be as narrow as 1.5mm with screen coverage ratio up to 82%.

Resolution: 800×800 resolution with high pixel density of 344PPI, providing clear, detailed display with smooth arc edges.

Color Performance: Supports 16.7M color display with NTSC 70% color gamut for precise, realistic color reproduction.

Touch Technology: Capacitive touch technology supporting multi-touch (5-point) with high sensitivity and fast response.

Driving Technology: Custom driving ICs with response time under 15ms, supporting smooth dynamic image display and 30% lower power consumption.

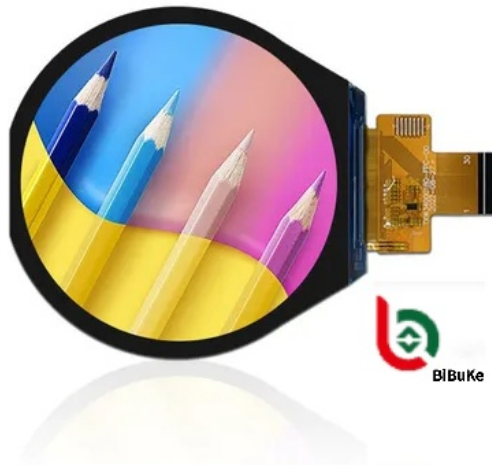
Optical Characteristics: Ring-shaped light guide plate design with brightness uniformity exceeding 85%. OGS full-lamination technology reduces reflection and improves outdoor visibility.

Interface Type: MIPI interface for high-speed data transmission with reduced pin count.

Application Areas

- Smart Wearable Devices: High-end smart watches, professional sports equipment, health monitoring devices

- Industrial Equipment: Intelligent control instruments, precision instrument panels, testing and measurement equipment
- Automotive Sector: Digital dashboards for concept cars and luxury models
- Smart Home Systems: Wall-mounted circular smart control centers and hubs
- High-end Consumer Electronics: Audio equipment, smart mirrors
- Medical Field: Patient monitors, portable diagnostic equipment, endoscopic displays



Frequently Asked Questions

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

No problem. Please send us your specification or drawing. If you don't have specifications, you can provide samples; we will 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, if you need to modify outline size or display content, a new LCD glass module is required. We will open new tooling for you.

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

That's all right. We can change the display type according to your request.

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

Yes, we can. Please send your drawing. If you don't have one, please provide the outline size, display information (glass thickness, polarizer, display type, connector mode, storage temp, operating temp, supply voltage, viewing direction, drive condition), and we can customize for you.

What is leading time for tooling?

Generally, it takes 15 to 25 days after drawing confirmation and tooling charge payment. We will report the exact time when you confirm the drawing.

Can you send us samples for checking?

Yes, sample orders are available.

What is the Leading Time?

For standard products in stock, lead time is one day after payment. For mass production of special orders, lead time is about 15-30 days. If we can finish earlier, we will report the information in advance.



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