

## 2.1 Inch ST7701S Round TFT LCD Display Module with 480x480 Resolution and 18bit RGB Interface Using IPS Display Technology

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

- Interface: 3line SPI + 18bit RGB
- View Direction: Free
- Lcd Type: AMOLED , Normally Black
- Working Temperature: -20 ~70
- Surface Luminance: 250nits
- Port: Shenzhen/Hong Kong
- Name: Round TFT LCD Display
- Highlight: Round TFT LCD Display Module , Round Display TFT LCD Screen , 18bit RGB LCD Display



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## 2.1 Inch ST7701S Round TFT LCD Display Module

High-performance 18-bit RGB LCD display module with circular design for industrial and consumer applications

### Technical Specifications

Size	2.1" TFT	Dot Arrangement	480 × 480
Display Mode	IPS / Transmissive / Normally Black	Module Size	56.18(W) × 59.71(H) × 2.3(T) mm
Active Area	φ53.28 mm	Brightness	250 cd/m <sup>2</sup>
Interface	3-line SPI + 18-bit RGB	Operating Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C	Contrast Ratio	900:1
Colors	262K	NTSC Color Gamut	70%
Viewing Angle	80° (all directions)	Backlight Life	40,000 hours

### Product Features

#### Compact Design

Circular form factor with minimal footprint for easy integration into small devices

#### High Resolution

480 × 480 pixel density for sharp, clear image quality

#### Advanced Interface

ST7701S controller supports 18-bit RGB and 3-wire SPI interfaces

#### Wide Temperature Range

Reliable operation from -20°C to +70°C

#### Touch Screen Options

Supports custom resistive or projected capacitive touch screens

#### IPS Technology

Wide viewing angles with consistent color and brightness

### Application Areas

#### Consumer Electronics

Smart wearables, home appliances, portable audio-visual devices

#### Industrial Control

Analyzers, detectors, access control systems, monitoring devices

#### Internet of Things

Garden irrigation controllers, smart home interfaces

#### Medical Devices

Portable blood glucose testers, blood oxygen meters

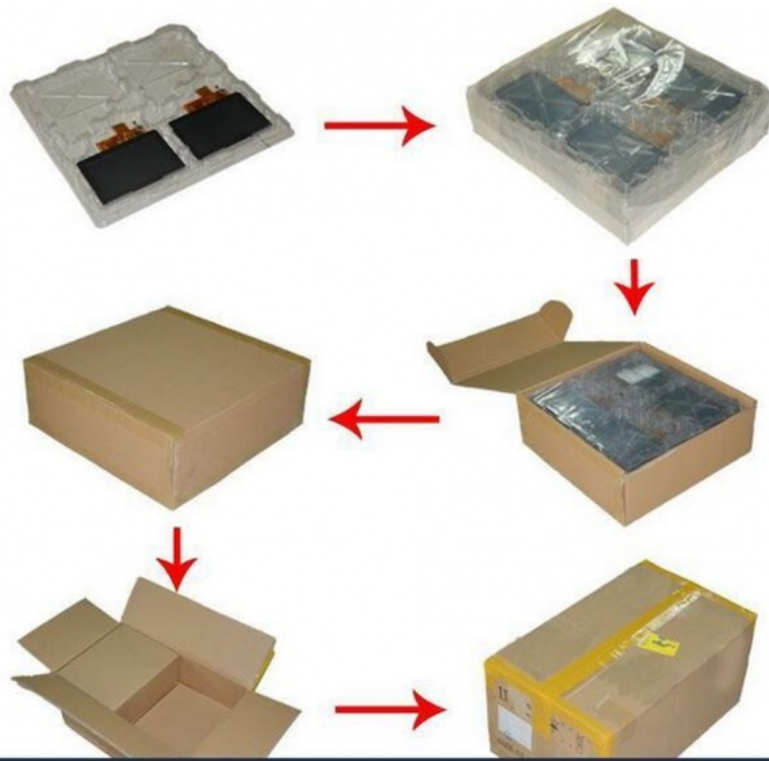
#### Security Systems

### Product Images



### Packaging & Shipping

**Packaging:** Carton boxes, cupboard, EPE, blister tray. Custom packaging available based on product size and customer requirements.



**Shipping:** DHL, FedEx, EMS, UPS, air shipping, sea shipping. All shipping methods available.

					
2-7days	2-8days	2-7days	3-15days	2-5days	2-7days
<b>Notice</b>	<ol style="list-style-type: none"> <li>EMS for Brazil, Russia and Remote areas .</li> <li>SF for Hong Kong, Taiwan, South Korea, Japan, Thailand, Singapore and Malaysia .</li> <li>Having logo product can't be sent by FEDEX .</li> <li>The Brazil want to use FEDEX/DHL , need to offer CNPJ / CPF to us !</li> </ol>				

#### Payment Methods



#### Frequently Asked Questions

- Can you customize LCD displays?** Yes, we can customize based on your specifications or samples.
- What about different display types?** We can modify from HTN to STN types as requested.
- What is the tooling lead time?** Typically 15-25 days after drawing confirmation and payment.
- Do you provide samples?** Yes, sample orders are available for testing.
- What is the production lead time?** 1 day for stock items, 15-30 days for mass production.

#### Our Services

- Free repair within one year after shipment
- Replacement within 30 days for product issues
- Custom printing and model numbering available
- Competitive shipping rates with major carriers
- Professional technical support and after-sales service
- Comprehensive quality inspection before shipment

24-hour customer support response time  
Full customization capabilities for all LCD display requirements



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