

4.7 Inch HD TFT LCD Screen with 720x1280 Resolution and 300 cd/m² Brightness

Basic Information

- Place of Origin: China
- Brand Name: BBI
- Certification: ISO9001 RoHS
- Minimum Order Quantity: 1000
- Price: 0.78-7USD
- Packaging Details: CARTON
- Delivery Time: 3-4WEEKS
- Payment Terms: T/T
- Supply Ability: 300000/MONTH



Product Specification

- Backlight Technology: LED
- Backlight Type: LED
- Interface: MIPI
- Va Size: 58.104 Mm * 103.296 Mm
- Outline Size: 61.5 Mm * 112.3 Mm * 1.5 Mm T
- Display Type: TFT
- Viewing Angle: All Viewing Angle
- Brightness: 300 Cd/m²
- Highlight: **4.7 Inch TFT LCD Screen ,
720x1280 Resolution LCD Display Module,
300 cd/m² Brightness TFT Display**



4.7 Inch All View Angle HD TFT LCD Resistive Touchscreen With Mipi Interface



Product Specifications

Parameter	Value
Resolution	720 × 1280
Size	4.7 Inch
Viewing Direction	All Viewing Angle
TFT Mode	TFT, Transmissive

Detailed Technical Specifications

Item	Content	Description
1	Display outline size	461.5 mm × 112.3 mm × 1.5 mm T
2	VA size	58.104 mm × 103.296 mm
3	Resolution	720 (RGB) × 1280
4	With/Without Touch screen	CTP / RTP optional / Without
5	Interface	MIPI
6	Brightness	300 Cd/m ²
7	Connector	AXT526124 (Panasonic)
8	Drive IC	ILI9881C

Key Features and Benefits

4.7-inch Compact Size

- Medium-small-sized display with space-efficient design
- Easy one-handed operation and device panel integration
- Ideal balance between viewable area and portability
- Mainstream size for consumer electronics and industrial control applications

Full-View High-Definition TFT LCD

- IPS wide-viewing-angle technology eliminates color distortion
- 720P (1280×720) resolution with high pixel density
- Crisp image details and clear text display

Fast response time (10-20ms) with true color reproduction

Cost-effective display technology solution

Resistive Touch Screen

Supports finger, stylus, and glove operation

High touch accuracy for small icons and handwritten input

Resistant to oil, moisture, dust, and low temperatures

Stable performance in challenging environments

MIPI Interface

High-speed serial interface for mobile devices

Lower power consumption and reduced EMI interference

Simplified motherboard design with fewer signal lines

Compatible with modern embedded processors

Product Introduction

Core display performance: Its diagonal size is approximately 11.94 cm, measuring 4.7 inches. It is a medium-sized screen, typically featuring a thin design, which is convenient for integration into various small devices. The resolution of 720x1280 combined with TFT (thin film transistor) technology offers a high pixel density, enabling the presentation of detailed and clear images and text. Most of these screens can display up to 16.7 million colors, with good color reproduction, and have a brightness of 300cd/m². In indoor environments and normal outdoor lighting conditions, they can clearly display content and meet daily visual needs. Additionally, this specification of the screen is often equipped with mainstream interfaces such as MIPI, and also supports communication protocols like SPI and I2C. It is equipped with connectors ranging from 20 to 40 pins, facilitating quick connection with various main control devices. The integration process is simple, reducing the development time for the device.

Practical compatibility features: These screens generally have a wide operating temperature range, typically operating stably within -20°C to 70°C, meeting the usage requirements of different environments. The supply voltage is mostly around 2.8V, with low power consumption, which is in line with the battery life requirements of various portable and low-power devices. Some products also support customization of touch functions and OEM/ODM services, allowing for the combination of capacitive or resistive touch screens to adapt to different interaction scenarios.

Application Scenarios

Industrial Control

PLC touch screens and HMI interfaces

Industrial detection instruments and CNC machine panels

Resistant to oil and supports glove operation

Stable 24-hour continuous operation capability

Consumer Electronics

Handheld POS machines and barcode scanners

Logistics terminals and portable gaming devices

High-definition display for clear information presentation

Supports signature input with stylus

Automotive Electronics

Vehicle secondary screens and control panels

Wide viewing angles for different seating positions

Operates in extreme temperatures (-20 to 70)

EMI-resistant for stable vehicle operation

Medical Equipment

Portable blood glucose meters and blood pressure monitors

Handheld ultrasound and medical monitoring devices

Accurate medical data display

Supports operation with medical gloves



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