

8 Inch IPS TFT LCD Touch Screen with 1024 x 768 Resolution and 350 Nits Brightness

Our Product Introduction

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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

- Interface Type: LVDS
- Lcd Type: RTP
- Size: 8.0
- Resolution: 1024*768
- Module Size: 174.00×136.00×2.45mm
- Brightness: 350 Nits
- Top Polarizer Type: Anti-Glare
- Touch Technology: RTP
- Highlight: **8 Inch TFT LCD Touch Screen ,
1024 x 768 Resolution IPS TFT LCD ,
350 Nits Brightness Resistive Touchscreen**



IPS TFT LCD Resistive Touchscreen 1024 x 768 Resolution 8 Inch Full Viewing Angle

Key Specifications

Resolution	1024 x 768
Display Mode	Transmissive
Display Type	TFT
Interface	LVDS
Touch Panel	Optional
Brightness	350 cd/m ²

Detailed Specifications

LCD Type	TFT/Transmissive
Module Size (W×H×T)	174.00 x 136.00 x 2.45 mm
Active Size (W×H)	162.05 x 121.54 mm
Number of Dots	1024 x 768
Interface Type	LVDS
Top Polarizer Type	Anti-Glare
Recommend Viewing Direction	All

Product Highlights

This 8-inch IPS TFT liquid crystal resistive touch screen (1024x768 resolution, full viewing angle) offers a balanced mid-range display solution combining quality and practicality.

Advantages

- Lower energy consumption
- Superior image quality and sharpness
- Optimized physical design
- Fast response time
- Reduced eye strain

Disadvantages

Due to the advanced design, TFT LCD displays may cost slightly more than regular monochrome displays. Optimal viewing is at the 12 o'clock position, with potential inversion effects at other angles.

Display Technology

Using IPS (planar conversion) technology with 178° full viewing angle - maintaining picture color and brightness from any angle without distortion. Combined with TFT active matrix driving for fast response and high contrast (500:1 to 1000:1). The XGA resolution (1024x768) provides ideal pixel density for clear display of data tables and icons.

Touch Method

Resistive touch screen using pressure sensing technology, offering durability and adaptability to complex environments (dust, moisture, oil stains). Supports operation with stylus, fingernails, or gloves - overcoming capacitive screen limitations.

Core Applications

Industrial Control: HMI, PLC control cabinets, machine tool panels, production line monitoring

Medical Equipment: Blood pressure monitors, glucose meters, ECG monitors, portable devices

Smart Home & Security: Control panels, access terminals, security systems

Automotive & Transportation: Commercial vehicle displays, monitoring terminals

Commercial Terminals: Self-service kiosks, payment machines, information displays

Education & Office: Teaching terminals, attendance systems, sign-in screens



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