

800 X 600 Resolution 250cd/m2 Brightness TFT LCD Touch Screen with 6 o'clock Viewing Direction for Industrial Automation

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

- Touch: RTP
- Viewing Direction: 6 O'clock
- Interface: RGB
- Number Of Pins: 40 Pins
- Lcd Type: Tft/Transmissive
- Module Size (w*h*t): 183.0x141.0x7.1mm
- Number Of Dots: 800X600
- Display Mode: Transmissive
- Highlight: **800 X 600 Resolution TFT LCD Touch Screen, 250cd/m2 Brightness HMI LCD Touch Screen, 6 o'clock Viewing Direction Raspberry LCD Touch Screen**



for more products please visit us on lcdtftscreen.com

Product Description

800 X 600 Raspberry LCD Touch Screen, 250cd/M² HMI LCD Touch Screen

High-performance TFT LCD touch screen with 800×600 resolution and 250cd/m² brightness, ideal for industrial and embedded applications.

Key Specifications

Resolution	800 × 600
Display Mode	Transmissive
Display Type	TFT
Interface	RGB
Touch Panel	With RTP
Brightness	250cd/m ²

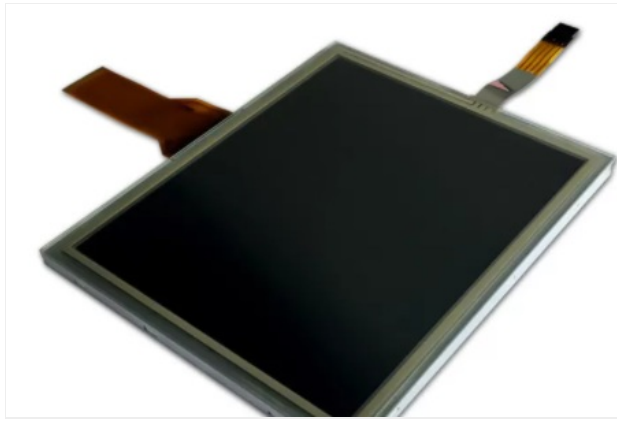
Detailed Technical Parameters

Item	Contents	Unit
LCD Type	TFT/Transmissive	
Module Size (W×H×T)	183.0×141.0×7.1mm	mm
Active Size (W×H)	162.0×121.5mm	mm
Number of Dots	800×600	
Interface Type	RGB	
Top Polarizer Type	Anti-Glare	
Recommend Viewing Direction	6 O'Clock	O'Clock
Brightness	250 cd/m ²	
Touch Panel Type	With RTP	

About TFT LCD Technology

A thin-film transistor liquid crystal display (TFT LCD) is a type of liquid crystal display that utilizes thin-film transistor technology to enhance qualities such as contrast and addressability. TFT technology employs individual transistors to drive each pixel, enabling faster response times and superior image quality.





Performance Characteristics

Resolution: 800×600 WVGA standard provides clear image display suitable for graphic/text interfaces and general operation scenarios

Brightness: 250cd/m² offers optimal visibility in indoor environments; may require shading in direct sunlight

Touchscreen: Supports resistive (RTP) technology for reliable single-point touch in industrial environments

Interface: RGB interface ensures high-quality image transmission and compatibility with various controllers

Compact Design: Module size 183.0×141.0×7.1mm with 162.0×121.5mm active area fits space-constrained applications

Application Scenarios

Industrial Automation

Ideal for equipment operation panels in automated production lines, water treatment systems, and HVAC controls. Enables parameter setting, status monitoring, and alarm functions.

Smart Home

Perfect for home control terminals managing lighting, climate, security systems, and window treatments through intuitive touch interface.

Smart Devices

Suitable for self-service kiosks, medical equipment interfaces, and point-of-sale systems requiring clear information display and basic touch operations.

Education & Training

Effective for electronic whiteboards, teaching displays, and simulation trainers that benefit from interactive operation and content presentation.

Embedded Development

Compatible with Raspberry Pi and Arduino for creating custom interfaces in robotics, instrumentation, and IoT projects.



Dongguan Bibuke Electronic Technology Co., Ltd.



+8613711912723



Jack@smartwinlcd.cn



lcdtftscreen.com

Shangyu Commercial Centre Chang'an, Dongguan, Guangdong, China 523881