

3.5 Inch High Brightness TFT LCD Screen with Resistive Touchscreen and 16/18/24 Bit RGB Interface

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

- Backlight: 6 - DIES WHITE LED
- Display Type: TFT
- Brightness: 250 Cd/m²
- Backlight Type: LED
- Interface: SPI + 18BIT RGB
- Lcd Type: TFT
- Touchscreen: RTP
- Display Technology: LCD
- Highlight: **16/18/24 Bit RGB Interface TFT LCD Screen, Resistive Touchscreen LCD Display Module, HX8357D Controller TFT Display**



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Product Description

High Brightness Landscape TFT LCD Resistive Touchscreen With 16 / 18 / 24 Bit RGB Interface

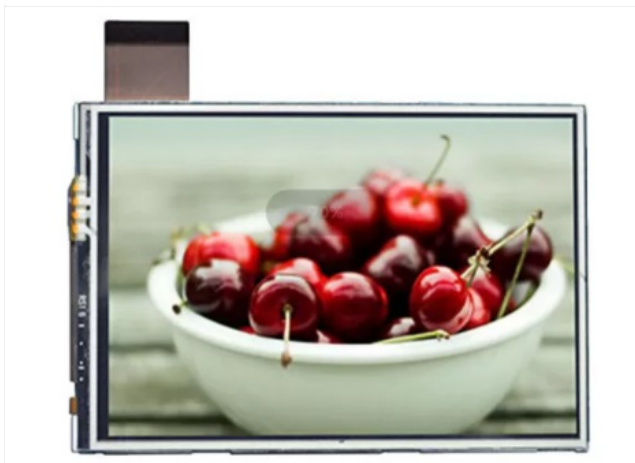
A high-performance TFT LCD display module featuring resistive touch technology and versatile RGB interface options for various industrial and commercial applications.

Key Specifications

Parameter	Value
Resolution	320 * 480 Dots
Size	3.5 Inch
Viewing Direction	6 O'Clock
TFT Mode	TFT, Transmissive
Outline Size	54.66 mm * 82.94 mm * 3.45 mm T
Brightness	290 Cd/m ²

Detailed Product Information

Item	Contents	Description
1	Product Name	3.5 Inch 320*240 High Brightness Landscape TFT LCD Display Module
2	Module Size	54.66 mm * 82.94 mm * 3.45 mm T
3	Resolution	320 * (RGB) 480
4	Touch	Resistive TP
5	Pixel Pitch (W*H)	0.153 * 0.153
6	Interface Type	SPI + 18BIT RGB
7	Backlight Type	6-DIES WHITE LED
8	Controller/Driver	HX8357D





Display Screen Features

Display Technology: Thin Film Transistor (TFT) technology for high resolution and fast response speed

Brightness: High brightness (290 Cd/m²) ensures visibility in strong outdoor light conditions

Touch Screen: Resistive touch technology works with fingers or stylus, unaffected by environmental factors

Color Interface: Supports 16/18/24-bit RGB interfaces for rich color representation (65K to 16.7M colors)

Viewing Angle: 6 o'clock viewing direction with good visibility from multiple angles

Operating Temperature: -20°C to 70°C operation range (-30°C to 80°C storage)

Applications

Outdoor Advertising: High brightness ensures clear visibility in sunlight for billboards and information kiosks

Automotive Electronics: Ideal for dashboards, navigation, and infotainment systems

Industrial Control: Perfect for control panels and HMI interfaces in various lighting conditions

Handheld Devices: Suitable for portable equipment including game consoles and measurement instruments

Smart Home: Excellent for control panels managing home automation systems



Dongguan Bibuke Electronic Technology Co., Ltd.



+8613711912723



Jack@smartwinlcd.cn



lcdtftscreen.com

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