

3.5 Inch IPS TFT LCD Display 320x240 1000nits

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

- Screen Type: TFT
- Viewing Angle: All
- Active Area: 70.08(W)X52.56(H) Mm
- Dot Pitch: 219(W)X219(H) Um
- Storage Temperature: -30~+70
- Panel Type: TFT
- Brightness: 1000 Nits
- Backlight: White LED
- Highlight: **3.5 inch IPS TFT LCD display,
320x240 high brightness LCD,
1000nits TFT screen**



3.5 Inch IPS TFT LCD Display 320x240 Resolution 1000nits Brightness

Product Overview

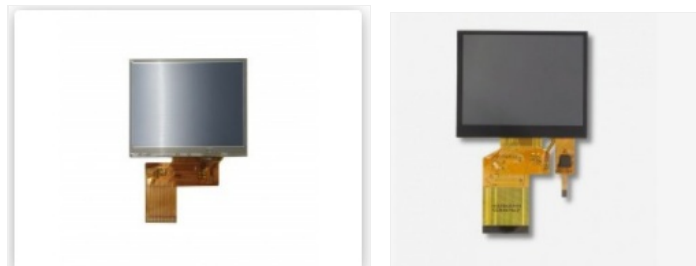
High-performance 3.5-inch IPS TFT LCD display featuring 320*240 resolution and exceptional 1000 nits brightness for superior visibility in various lighting conditions.

Technical Specifications

Attribute	Value
Display Type	IPS TFT
Display Size	3.5 inch
Resolution	320*240 pixels
Brightness	1000 nits
Viewing Angle	All directions
Active Area	70.08(W) * 52.56(H) mm
Module Size	76.9(W) * 64(H) * 3.26(D) mm
Operating Temperature	-20°C to +60°C
Storage Temperature	-30°C to +70°C
Mounting Type	PCB
Backlight Type	LED (3 LEDs)

Key Features

- High brightness 1000 nits IPS display for excellent visibility
- Capacitive touch screen for responsive input
- Wide viewing angles from all directions
- Compact module size for space-constrained applications
- Wide operating temperature range for industrial use



Detailed Product Description

This 3.5-inch IPS TFT LCD display combines a 320*240 resolution with 1000 nits brightness for optimal performance in demanding environments.

Size and Dimensions: The display features a diagonal size of 3.5 inches with module dimensions of approximately 76.90mm*63.90mm and thickness between 3.26mm and 4.9mm. The active display area measures 70.08mm*52.56mm.

Display Quality: Utilizing IPS (In-Plane Switching) technology, the display offers wide viewing angles (160° to 178°) with minimal color shift and excellent color reproduction accuracy.

Brightness Performance: The 1000 nits brightness level ensures superior sunlight readability, making it ideal for outdoor devices and industrial control equipment.

Environmental Specifications: Designed for industrial applications, the display operates in temperatures from -20°C to 70°C and can be stored in temperatures ranging from -30°C to 80°C.

Compatibility: The display supports 24-bit RGB interface and is compatible with various driver chips including ST7272A, making it suitable for integration with Arduino and other development boards.



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