

160x160 Resolution Positive Transflective FSTN LCD Module with 4 Wires SPI Interface and ST75161 Driver

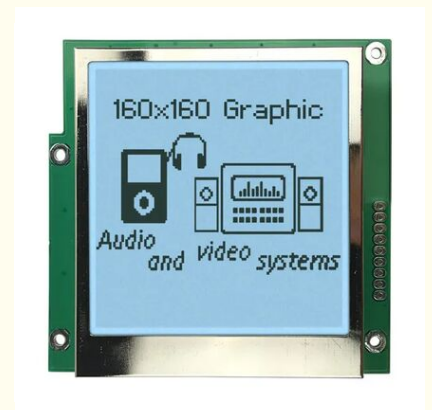
Basic Information

- 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

- Touchscreen: Customized
- Resolution: 160*160
- Outline Size: 82.2(L) X 76.0(W) X 9(T) Mm
- Brightness: Customized
- Connect: Metal Pin (Can Be Customized)
- Interface Types: 4 Wires SPI (Can Be Customized)
- VA Size: 60.0(L) X 60.0(W) Mm
- Backlight: White LED
- Highlight: **160x160 Resolution Graphic LCD Display, Positive Transflective FSTN LCD Module, 4 Wires SPI Interface ST75161 LCD Display**



Product Description

160x160 Positive ST75161 Graphic FSTN LCD Display

High-performance COG FSTN LCD module with 160x160 graphics resolution, designed for industrial applications and embedded systems.

Technical Specifications

Product	COG FSTN 160x160 LCD Module
Resolution	160x160 Graphics
LCD Type	FSTN, Positive, Transflective
Optics	6:00 O'clock
Outline Dimensions	82.2(L) × 76.0(W) × 9(T) mm
Viewing Area	60.0(L) × 60.0(W) mm
Dot Pitch	0.34(L) × 0.34mm
Driving Method	1/160 Duty Cycle, 1/11 Bias
Operating Temperature	-40°C to +70°C (Customizable)
Pin Number	9 Pins
Controller	ST75151 or Equivalent
Interface	4 Wires SPI (Can Be Customized)
Connector	Metal Pin (Can Be Customized)
Compliance	REACH & RoHS Compliant

Product Features

Advanced Driver Chip: Utilizes ST75161 driver chip for high functionality and stability

Efficient Interface: 4-wire SPI serial interface with simple wiring and high communication rate

Low Power Consumption: 3.3V typical operating voltage for energy-efficient operation

Superior Display Quality: FSTN technology with excellent contrast and wide viewing angles

Wide Temperature Range: Operates from -20°C to +70°C, storage from -30°C to +80°C

Flexible Display Options: Supports 160×160 dot matrix monochrome or 4-level grayscale images

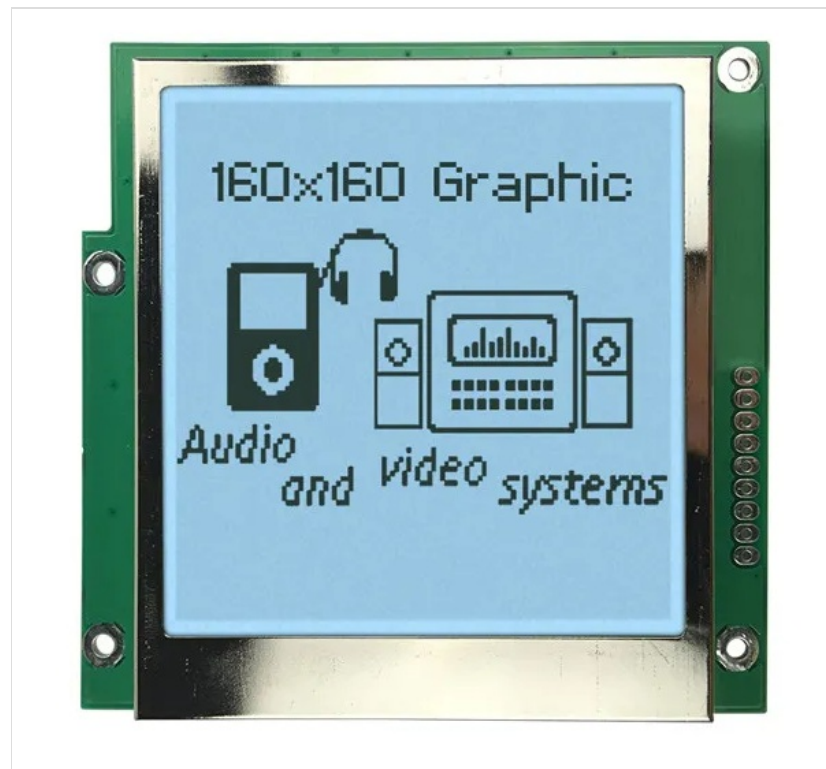
Application Areas

Industrial Control: Operation panels for equipment status and parameter displays

Instrumentation: Measurement data and waveform displays in multimeters, oscilloscopes

Smart Home Systems: Controller displays for temperature, humidity, and status information

Handheld Devices: Mobile phones, MP3 players for menus and information display



Frequently Asked Questions

I want the LCD display 8 digits and the outline size is 65x30x2.8mm. Is this possible?

Yes, we can accommodate custom specifications. Please provide your detailed specification drawing or samples, and we'll recommend suitable options or create a custom solution.

This LCD is what we want, but the size is too large. Can you make a smaller version with modified display content?

For segment type LCD modules requiring size or content modifications, we can create new LCD glass modules with custom tooling.

This LCD display is HTN type, but I want STN type. Can you make this change?

Absolutely. We can modify the display type according to your specific requirements.

Can you customize a new LCD module for my application?

Yes, we specialize in custom LCD solutions. Please provide your drawing or specifications including outline size, display information, glass thickness, polarizer type, connector mode, temperature ranges, supply voltage, viewing direction, and drive conditions.

What is the lead time for tooling?

Tooling typically requires 15-25 days after drawing confirmation and tooling charge payment. We'll provide exact timelines upon drawing

approval.

Can you send samples for evaluation?

Yes, sample orders are available for your testing and evaluation.

What is the production lead time?

For standard products in stock, lead time is one day after payment. For mass production of custom orders, lead time is approximately 15-30 days. We'll notify you if we can complete orders sooner.



Dongguan Bibuke Electronic Technology Co., Ltd.



+8613711912723



Jack@smartwinlcd.cn



lcdftscreen.com

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