

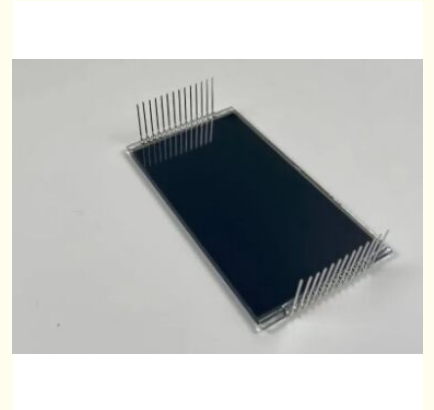
## Customized Size VA LCD Display with 7 Segment Structure and Color Display for Wide Viewing Angle

Our Product Introduction

for more products please visit us on [lcdtftscreen.com](http://lcdtftscreen.com)

### 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 Screen: Customized
- Fpc Connect: 24PIN, ZIF Type
- Resolution: Customized
- Lcd Type: VN LCD Display
- Dimensions: Customized
- Connect: Pin, Zebra Or FPC
- Screen Size: Customized
- Polarizer Type: Transflective/Transmissive/Reflective
- Highlight: **7 Segment Structure VA LCD Display, Color Display 7 Segment LCD Display, Wide Viewing Angle Temperature Controller LCD**



## Product Description

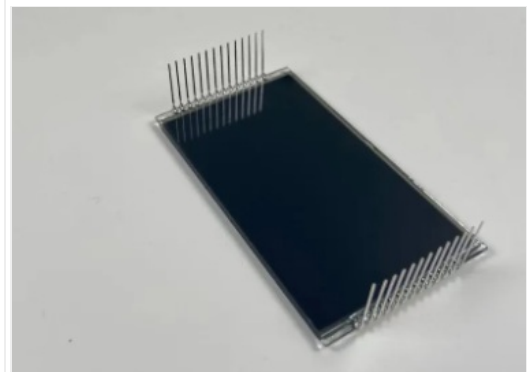
### Digit Colour VA 7 Segment LCD Display For Temperature Controller

#### Product Specifications

Type:	VN LCD Display
Storage Temp:	-10~+60 , -20~70 , 30~80
Voltage:	3.3V
Connector:	Pin Or Zebra
Driving Method:	Static/Dynamic
Polarizer Type:	Transflective/Transmissive/Reflective

#### Detailed Specifications

ITEM	CONTENT	DESCRIPTION
1	Lcd Type	TN, HTN, FSTN, VA, DFSTN ,STN Lcd Display
2	Outline Size	Customized
3	VA Size	39*69/65mm*1.1T or Custom
4	Viewing Direction	6 O'clock or 12 O ' clock
5	Voltage	2.8V,3.0V, 3.2V,3.6V,4.0V,4.5V,5.0V
6	Display Mode	Positive or Negative
7	Backlight	With or without
8	Operation temp	0°C TO + 50°C,-10°C TO + 60°C,-20°C TO + 70°C
9	Storage temp	-10°C TO + 60°C, -20°C TO + 70°C,-30°C TO + 80°C,-35°C TO + 90°C
10	Contact	Pin, Zebra or FPC



#### Display Screen Core Characteristics

##### Technical Foundation

**VA Liquid Crystal Technology:** Utilizes Vertical Alignment technology, offering high contrast and wide viewing angle advantages. Even when viewed from different angles, the display content can be clearly seen, and the black display is more pure.

**7-segment Display Structure:** Composed of 7 independent light-emitting segments, through the combination of different segments, the numbers 0-9 can be displayed, accurately presenting the temperature value.

**Color Display Capability:** Supports RGB, white, green, blue, orange and other backlight colors, and can distinguish temperature ranges through different colors.

##### Hardware Parameters

**Customizable Size:** Common specifications such as 52.0×27.0mm, suitable for different-sized thermostat bodies.

**Working Voltage:** Mostly 3.0V-5.0V, with low power consumption, suitable for the power supply system of the thermostat.

**Temperature Range:** Generally 0 to 50 , some can be customized to -30 to 85 , able to adapt to different usage environments.

### Interaction Design

Combined with backlight design for clear visibility in dimly lit environments.

Some models support touch function, allowing direct operation of temperature settings on the display screen.

## Main Applications

### Civilian Temperature Control Scenarios

**Home HVAC control:** Used as temperature controllers for air conditioners, underfloor heating, wall-mounted boilers, and water heaters.

**Commercial premises temperature control:** In central air conditioning systems of hotels, office buildings, and shopping malls.

### Industrial Temperature Control Scenarios

**Equipment temperature monitoring:** Applied in temperature control systems of industrial hot air furnaces, production lines.

**Production environment temperature control:** In temperature controllers of workshops for food processing, pharmaceutical production.

### Special Scenarios Applications

Some models can be expanded to display humidity, UVB values, and timing information for use in breeding, greenhouse cultivation.

## Frequently Asked Questions

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

Answer: No problem. Please send us your specification/drawing paper. If you don't have specifications, you can provide samples; we will recommend the suitable one if it's standard products, or we can customize based on your requirements.

### This LCD is just what we want, but it is big size, do you have any smaller size? And the display content need to be changed a little.

Answer: For segment type LCD modules, if you need to modify the outline size or display content, a new LCD glass module is needed. We would need to create new tooling for you.

### This LCD display is HTN type, but I want STN type, can you make?

Answer: That's all right. We can change it as per your request.

### I want to customize a new LCD module. Can you do?

Answer: Yes, we can. Please send your drawing paper. If you don't have one, please advise the outline size of the LCD display and other specifications.

### What is leading time for tooling?

Answer: Generally, it takes 15 to 25 days after drawing paper confirmation and tooling charge payment.

### Can you send us samples for checking?

Answer: Yes, sample orders are available.

### What is the Leading Time?

Answer: If we have stock for standard products, the leading time is one day after payment. For mass production of special orders, it's about 15-30 days.



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