



## 3.3V VA LCD Display Panel with 105(W)\*51(H) mm Viewing Area and 12 O'clock Viewing Angle for High Contrast Applications

Our Product Introduction

### 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

- Backlight Type: LED
- Backlight: White
- Connector Type: PIN(Customized)
- VA Size: 105(W)\* 51(H) Mm
- Display Mode: VA, Negative
- View Angle Direction: 12 O'clock
- Connector: Pin
- Driving Condition: 3.3V
- Highlight: **105(W)\*51(H) mm VA LCD Display, 12 O'clock Viewing Angle LCD Segment Display, High Contrast VA LCD Panel**



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

## Product Description

### 3.3V VA LCD Display Panel Black LCD Segment Display 46PIN White Backlight

High-quality VA LCD screen panel featuring black segment display with 3.3V operation and 46PIN white backlight.

#### Technical Specifications

LCD Type	VA, Negative
Viewing Angle	12 O'clock
Operating Temperature	-20~+70
Voltage	3.3V
Connector	PIN

#### Detailed Parameters

Outline dimension	108(W)* 56(H)* 3.1(T) mm	Display mode	VA, Negative
LCD viewing area	105(W)* 51(H) mm	Polarizer type	Transmissive
Operating temp.	-20~+70	LED backlight	White
Drive method	1/4 Duty, 1/3 Bias	Working voltage	3.3V
Viewing angle	12 O'clock	Connection Way	PIN, 46 numbers

#### Key Features

- **High Contrast:** Produces deeper black background with brighter, more vivid segments for excellent visibility.
- **Wide Viewing Angles:** Offers superior readability with up to 170° viewing angles in both directions.
- **Energy Efficiency:** Low power consumption ideal for battery-operated devices.
- **Temperature Tolerance:** Reliable operation from -20°C to 70°C.
- **Customizable Designs:** Supports custom segments for specific applications including icons, numbers, and bar graphs.



#### Applications

This 3.3V VA LCD panel with black segments and white backlight is versatile for multiple industrial and commercial applications:

- **Smart Electricity Meters:** Clearly displays consumption data, fees, and usage status with high contrast.
- **Industrial Control Equipment:** Ideal for displaying working status, parameters, and alarms in PLCs and frequency converters.
- **Medical Instruments:** Perfect for blood glucose meters and blood pressure monitors with clear data display.
- **Household Appliances:** Used in microwaves, air conditioners, and refrigerators for status and mode displays.
- **Portable Instruments:** Suitable for handheld multimeters and gas detectors with its compact design and low power consumption.



**Dongguan Bibuke Electronic Technology Co., Ltd.**



+8613711912723



Jack@smartwinlcd.cn



lcdftscreen.com

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