



CH104SV02A 10.4 Inch 800x600 LVDS TFT LCD Display Module with 300 Nits

Basic Information

- Place of Origin: China
- Brand Name: chenghao optoelectronic
- Certification: RoHS & CE & FCC
- Model Number: CH104SV02A
- Minimum Order Quantity: 100 pcs
- Price: Contact us for quotation
- Packaging Details: Standard Export Package
- Delivery Time: 7-15 work days
- Payment Terms: T/T
- Supply Ability: 300,000 pieces/month



Product Specification

- Module No: CH104SV02A
- Display Mode: TN / Transmissive / Normally White
- Screen Size: 10.4 Inch
- Resolution: 800 X 600 Dots
- Viewing Direction: 12 O'clock
- Screen Brightness: 300 Cd/m² (typ.)
- Module Interface: LVDS
- FPC Pin Numbers: 20
- Operating Temperature: -20°C To +70°C
- Storage Temperature: -30°C To +80°C
- Module Size: 236.00 X 176.90 X 5.60 Mm
- Active Area Size: 211.20 X 158.40 Mm



More Images



Product Description

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The CH104SV02A is a 10.4 inch TFT LCD display module with an 800 x 600 pixel resolution and a 12 o'clock viewing direction. It provides a typical brightness of 300 cd/m² through an LVDS interface, making it suitable for industrial control and embedded display systems. The active area measures 211.20 x 158.40 mm, while the module outline is 236.00 x 176.90 x 5.60 mm. It operates from -20°C to +70°C and can be stored from -30°C to +80°C. The transmissive, TN, normally white panel delivers clear visual output for equipment interfaces, monitoring terminals, and instrumentation. Its 20-pin connection, RoHS-compliant construction, and stable mechanical layout support straightforward integration. FPC, interface, brightness, touch, anti-glare, and cover glass options can be customized for project requirements.

Product Features

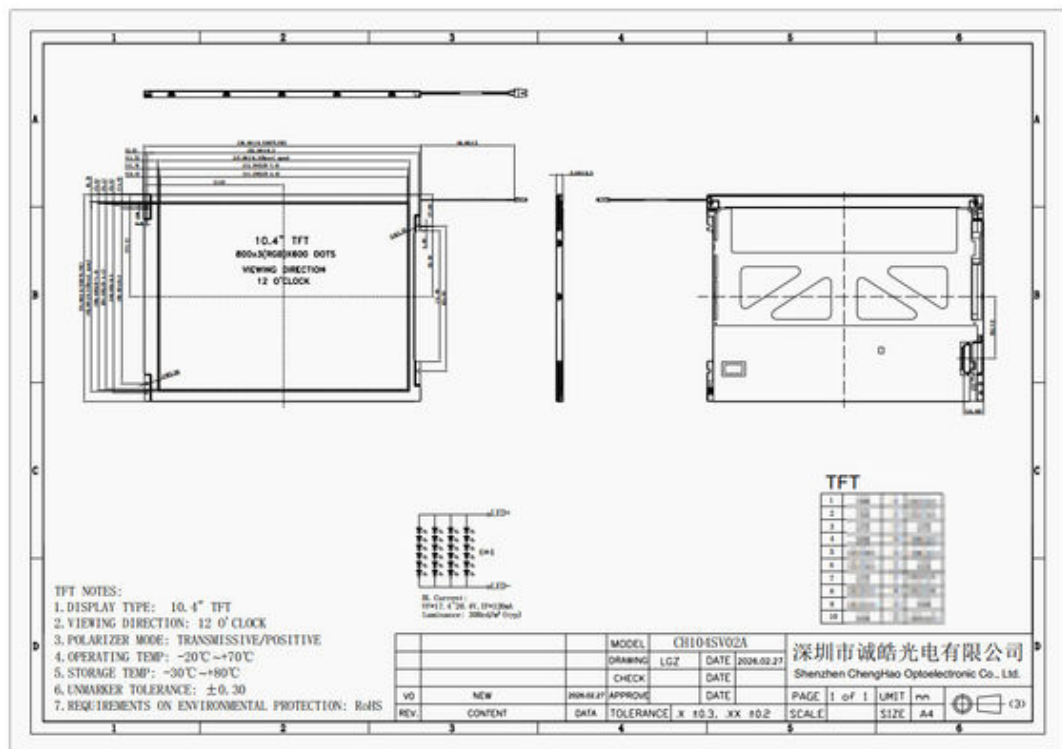
10.4 inch transmissive TFT LCD module with an 800 x 600 pixel resolution and TN normally white operation.

LVDS interface with a 20-pin connection for embedded display integration.

300 cd/m² typical brightness and a 12 o'clock viewing direction for clear equipment readouts.

Wide operating temperature from -20°C to +70°C and RoHS-compliant construction.

Product Drawing



Detailed Specifications

Item	Specification
Module Name	10.4 inch 800 x 600 LVDS TFT LCD Display Module

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Module Size	236.00 x 176.90 x 5.60 mm
Active Area Size	211.20 x 158.40 mm
Touch Type	No touch

Customized Introduction

Customization is available for display integration and production requirements. FPC shape, length, pin assignment, and connector layout can be adapted to the enclosure and assembly process. The LVDS interface configuration, cable direction, and signal arrangement can be reviewed against the host system. Brightness, optical treatment, touch integration, anti-glare surfaces, and cover glass options can be specified according to the application environment. Mechanical dimensions, active-area alignment, mounting features, and operating conditions are confirmed against the approved drawing before production. Samples can be evaluated with the final enclosure, interface, and viewing position to support stable integration. Packaging and delivery requirements can also be coordinated for volume orders.

Application Cases

Industrial control panels use the 800 x 600 display and LVDS interface for equipment status, process values, and operating menus. The 10.4 inch format provides a compact viewing area for machine-side controls.

Monitoring terminals can present system diagrams, measurement values, and warning states on the transmissive TFT panel. The 12 o'clock viewing direction supports upright operator positions.

Instrumentation equipment benefits from the wide temperature range and RoHS-compliant construction. The module outline and active area provide a defined layout for front-panel integration.

Embedded display systems can use the 20-pin LVDS connection and customizable FPC to match internal cabling. Brightness, cover glass, and anti-glare options can be adapted to the installation environment.

PRODUCT FAQ FAQ

Q1: What is the resolution of the CH104SV02A?

The module has an 800 x 600 pixel resolution on a 10.4 inch TFT LCD panel.

Q2: Which interface does this display module use?

It uses an LVDS interface with a 20-pin connection.

Q3: What are the operating and storage temperatures?

The operating temperature range is -20°C to +70°C, and the storage range is -30°C to +80°C.

Q4: Can the module be customized?

Yes. FPC details, interface configuration, brightness, touch, anti-glare treatment, and cover glass can be adapted to project requirements.



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