

15.6" Large Display Screen 30pins -20 +70 Wide-temp LVDS Display Module

Our Product Introduction

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Basic Information

- Brand Name: Chenghao Optoelectronic
- Certification: CE, ISO9001, Rose, SGS
- Model Number: CH156FH02A
- Minimum Order Quantity: 100 Pcs
- Packaging Details: All The Products Are Packed In Right Way To Keep It Safe. For Small Sizes Of Products We Use Tray + Carton, For Bigger Sizes We Use Foam Slot + Carton. We Also Design Packages According To Customers' Requirements
- Delivery Time: 3~7 Days
- Payment Terms: T/T, AliPay, PayPal
- Supply Ability: 50000000 Pcs/month



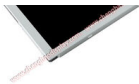
Product Specification

- Active Area Size: 344*193 Mm
- Screen Brightness: 300 Cd/m2
- Module Size: 370*217*9.3 Mm
- Lcd Interface: LVDS
- Resolution: 1920*1080 Dots
- Viewing Direction: 12:00
- Display Mode: TN/Transmissive/Normally White
- Module Type: 15.6" TFT
- Highlight: 15.6 inch LVDS display module, wide-temperature TFT LCD screen, 30pin large display screen



More Images

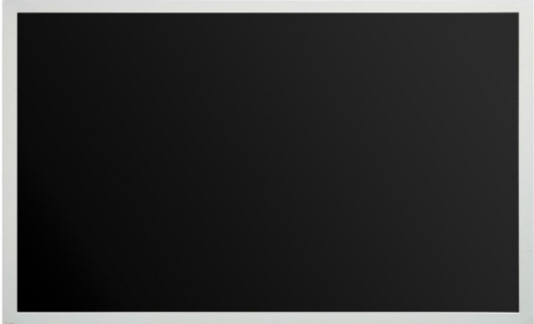





Product Description

Product Description:

The CH156FH02A is a 15.6-inch TFT LCD module engineered for clarity, reliability, and adaptability in demanding visual environments. Featuring a native Full HD resolution of 1920×1080, it renders sharp, detailed imagery with support for 16.7 million colors, ensuring vibrant and accurate color reproduction. Built on a TN (Twisted Nematic) transmissive architecture with a normally white mode, the panel delivers fast pixel response and consistent luminance across its 344×193 mm active area. A standard brightness of 300 cd/m² and a contrast ratio of 500:1 provide clear visibility under typical indoor ambient lighting.

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| <p>This module utilizes an LVDS interface via a 30-pin flexible printed circuit, enabling efficient high-speed data transmission with low electromagnetic emission—ideal for noise-sensitive installations. While delivered without integrated touch functionality, the design accommodates optional capacitive or resistive touch overlays during production, allowing seamless adaptation to interactive use cases. The CH156FH02A operates reliably across a broad temperature range of -20°C to +70°C and can be stored in conditions from -30°C to +80°C, demonstrating resilience in fluctuating thermal environments.</p> |  |
|  | <p>As part of Chenghao Optoelectronic's modular customization strategy, the CH156FH02A serves as a foundational platform that can be enhanced with tailored backlighting, extended temperature tolerance, anti-glare coatings, EMI shielding, and bespoke mechanical or optical configurations. Its balanced blend of performance, ruggedness, and flexibility makes it well-suited for control systems, diagnostic equipment, automation interfaces, and other professional-grade applications where visual fidelity and long-term stability are critical.</p> |

Technical Parameters:

| | |
|-----------------------|--------------------------------|
| Display Mode | TN/Transmissive/Normally White |
| Storage Temperature | -30 ~ +80 |
| Operating Temperature | -20 ~ +70 |
| Module Size | 370*217*9.3 Mm |
| Resolution | 1920*1080 Dots |
| LCD Interface | LVDS |
| Module Type | 15.6" TFT |
| Screen Brightness | 300 Cd/m ² |
| Viewing Direction | 12:00 |
| Active Area Size | 344*193 Mm |

A2: This product is made in Shenzhen, China.

Q3: What certifications does the CH156FH02A TFT LCD Display have?

A3: The display holds several certifications including CE, ISO9001, RoHS, and SGS.

Q4: What is the minimum order quantity and supply capacity for this product?

A4: The minimum order quantity is 100 pieces, and the supply ability is up to 50,000,000 pieces per month.

Q5: How are the TFT LCD Displays packaged and what is the typical delivery time?

A5: All products are carefully packed to ensure safety. Small-sized products are packed using tray plus carton, while bigger sizes use foam slot plus carton. Customized packaging options are also available based on customer requirements. The typical delivery time is between 3 to 7 days.

Q6: What payment methods are accepted for purchasing the CH156FH02A TFT LCD Display?

A6: Payment can be made via T/T, AliPay, or PayPal.



Shenzhen ChengHao Optoelectronic Co., Ltd.



+86 755-27806536



add@chenghaolcm.com



chenghaolcd.com

7th floor, building C5, Hengfeng Industrial City, Hangcheng street, Bao'an District, Shenzhen