



JFC101CMSS.V0

Overview

JFCVision 10.1 inch LCD Touchscreen Features a Slim Design

Specifications:

TFT LCD Panels

| | |
|---------------------|------------------------------|
| Size: | 10.1inches (diagonal) |
| Resolution: | 1920*800 |
| Active Area: | 216.96*135.6mm (H*V) |
| Brightness: | 350 cd/m2 (Typ.) |
| View Angle: | 85/85/85/85(Typ.)(L/R/U/D) |
| Contrast Ratio: | 800:1 |
| Interface: | LVDS (1 ch, 8-bit) , 40 pins |
| Frequency: | 60Hz |
| Backlight Lifetime: | 15K hours |
| Voltage input: | 2.5V (Typ.) |
| LED driver: | Not included |

Touch Specifications

| | |
|--------------------------|--|
| Touch Type: | Capacitive Touch, with 2-glass solution technology (2GS) |
| Multi Touch Points: | 10 points |
| Outline Dimension | 231.82*149.19 (mm) |
| Active Touch Area: | Same as LCD Panel's active area |
| Touch IC: | ILI |
| Touch Control Interface: | USB 2.0 |
| Touch Control Board: | Included |
| Systems Supportable: | Android, Windows, Linux |

| | |
|---------------------------------|------------------------------------|
| Tempered Glass Surface Hardness | 7H (Typ.) (Customized) |
| Transmittance: | > 85 °C |
| Touch Supportable: | Finger, Glove or Passive Pen Input |
| Input Voltage | 3.5V~5.5V, Typ. 5V |

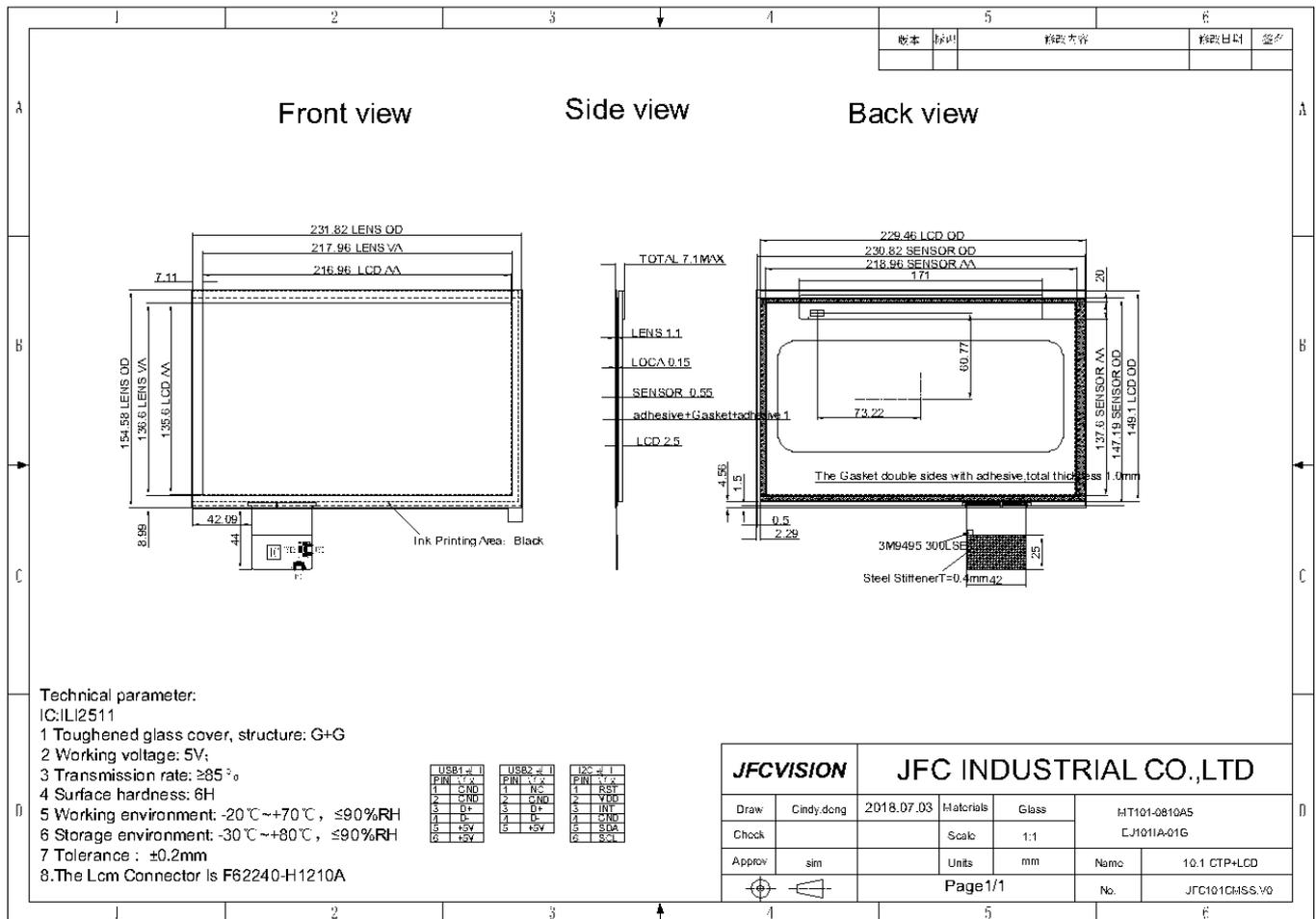
Environment

| | |
|-----------------------|--------------------------------|
| Operation Temperature | -10 ~ 50°C |
| Storage Temperature | -20 ~ 60 °C |
| Humidity: | 95% at 60 °C RH, no condensing |

Adhesive types of LCD Panel and Touch

3M fasten

Mechanical Drawings:



Customization Services

1). Cover lens is tempered glass, the size and hardness can be customized.

2). Black silk area size and icons can be customized.

Packing

1). BOX: 1PCS/box

2). Carton: TBD

Stability Test includes:

1). High / Low Temperature Storage Test

2). High / Low Temperature Operation Test

3). High Humidity Operation and StorageTest

4). Thermal Shock Test (non-operating)

Safety Precautions:

1). Handling

★ Make sure that the power cables and the communication cables are connected properly and firmly.

★ Make sure that the sensor tails are firmly attached to the controller.

★ The controller is firmly attached to the chassis and is grounded.

★ The tail of the Touch Screen is connected in such a way that it is not touching objects. any metal Otherwise, utilize insulators between the tail and any metal objects it may contact. This will help reduce the noise level.

★ Never hold the touch screen by the tail.

★ Projected Capacitive sensors and controllers can be influenced by EMI and RFI. Make sure that the controller is placed far from devices such as transformers and inverters. EMI and RFI can severely

affect the performance of the touch screen. Grounding the controller will help reduce EMI and RFI.

★ Wear gloves when handling the touch screen in order to prevent finger prints or stains and to avoid injury due to sharp edges.

2). Storing and Unpacking:

Store the products at specified temperature and humidity range, per the Environmental Conditions section of this document.

Store the products in the original packing materials.

Never place heavy objects or material on top of the touch screen.

Never stack touch screens on top of each other.

Do not hold or pull the tail to facilitate the removal of the touch screen component from the package.

Check and heed the "UP/DOWN" mark prior to opening the package.

3). **Maintaining:**

★ Do not use any cleaners with chemicals that can corrode glass or damage the touch screen permanently.

When cleaning the touch screen, use a soft, lint free cloth to prevent scratches and contamination.

Avoid using sharp/hard objects.

★ Always wear a grounded wrist strap while handling the touch screen and controller.

★ For high visual clarity, clean the touch screen periodically to remove fingerprints and foreign objects.

★ Do not press the touch screen with extreme force.

★ Avoid the use of sharp / hard objects on the touch screen.

★ Keep sensor tails away from sharp objects and handle them with care.

Warranty:

1). **Warranty Period: 2 years from the date of shipping.**

2). **Warranty Exclusions:**

★ **Failure to adhere to the handling, storage, operating, assembly or other procedures and**

Parameters outlined in this delivery specification.

★ **Accidental or purposeful abuse, neglect or acts of nature.**

★ **Breakage or physical scratches to the touch screen.**

★ **Other factors beyond the control of JFCVision**