

JFC156CMYY. V6

Overview

JFCVision 15.6inch LCD Touchscreen Features a Slim Design

Specifications:

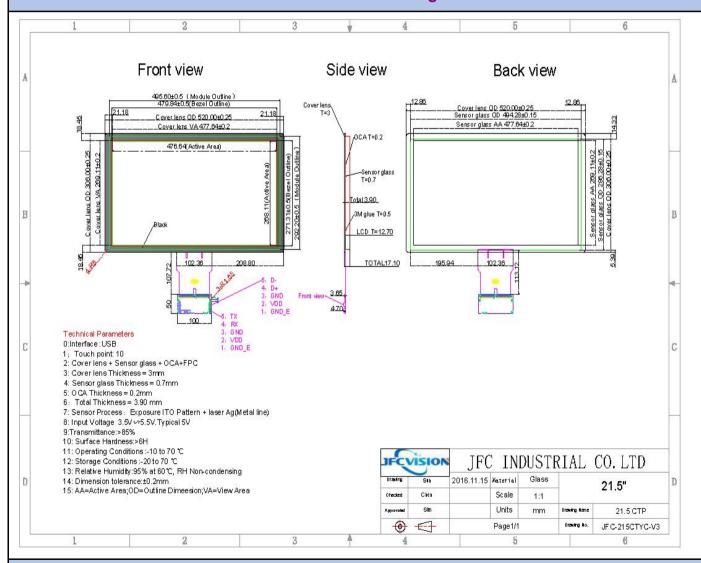
TFT LCD Panels		
Size:	15.6inches (diagonal)	
Resolution:	1920*1080, FHD	
Active Area:	344.16×193.59 mm (H*V)	
Brightness:	200 cd/m2 (Typ.)	
View Angle:	85/85/85 (Typ.)(L/R/U/D)	
Contrast Ratio:	800:1	
Interface:	eDP (2 Lanes), 30 pins	
Frequency:	60Hz	
Backlight Lifetime:	50K hours	
Voltage input:	3.3V (Typ.)	
LED driver:	included	
Touch Specifications		
Touch Type:	Capacitive Touch, with 2-glass solution technology (2GS)	
Multi Touch Points:	10 points	
Outline Dimension	520*306 (mm)	
Active Touch Area:	Same as LCD Panel's active area	
Touch IC:	EEIT	
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	0 ~ 50 °C	
Storage Temperature	-20 ~ 60 °C	
Humidity:	95% at 60 °C RH, no condensing	

Adhesive types of LCD Panel and Touch

Full Optical Bonding

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

Stablity 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.

Doı	not hold or pull the tail to facilitate the removal of the touch screen component from the package.
Che	ck 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.
١	When cleaning the touch screen, use a soft, lint free cloth to prevent scratches and contamination.
A	Avoid using sharp/hard objects.
* /	Always wear a grounded wrist strap while handling the touch screen and controller.
* I	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.
★ I	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:
★ F	ailure to adhere to the handling, storage, operating, assembly or other procedures and
F	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