

Resistive Touch Screen Solutions

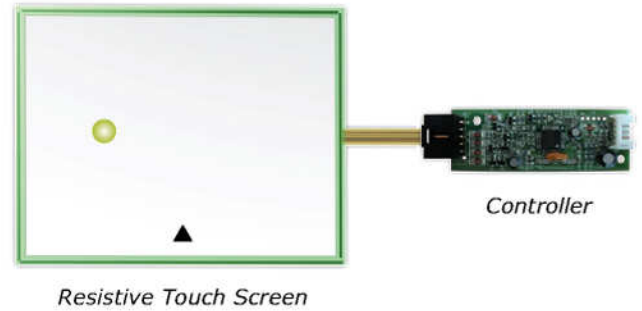
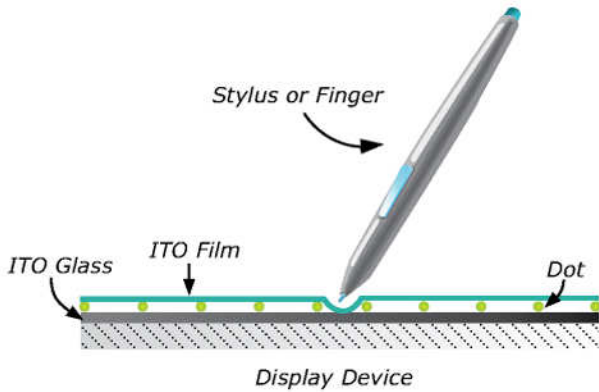


4-Wire Resistive Touch Screen
Analog Touch Window

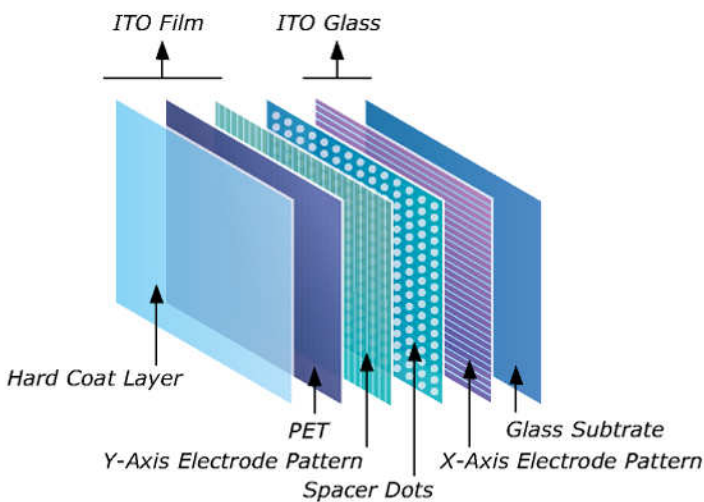


5-Wire Resistive Touch Screen
Glass on TOP
Viewing Angle Restrictions

Resistive Touch Screen Operation Sequence



4-Wire Resistive Touch Screen



Characteristics

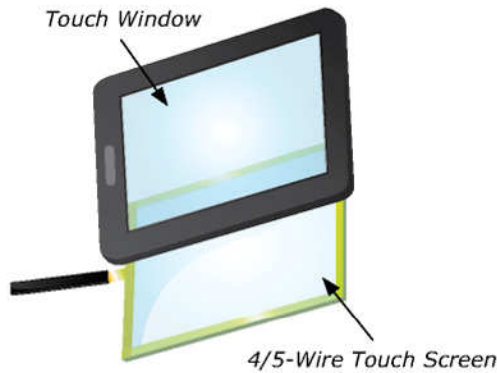
- Warranty is as long as 1 year for normal operating with 1,000,000~2,000,000 touching times.
- With high transparency (more than 76%). It is quite clear even your monitor with low brightness.
- We could customize various size for customers' request between 1.8 to 19 inch.
- It is easy to install into varied brands of monitor.

Specification

Item	Standard	Industry
Input Mode	Finger or Stylus	
Operation Temperature	-10°C~ 50°C	-30°C~ 70°C
Transparency	80% ↑	
Linearity	1.5%	
Hardness	3H	
Operating Force	50g ↓	
Draw Test	100,000 times	
Knock Test	1,000,000 times	
Glass Substrate	0.7 1.1 1.8 2.8mm	
Customize Various Size	1.8"~19"	
Scope of Application	Cell Phone, PDA, GPS, MP3, Touch Monitor, POS	

Analog Touch Window (4/5-Wire Resistive Touch Screen)

Membrane could be made differently not only shapes and holes but also prints and patterns. The largest size could reach 20" and the line accuracy, transparency, and functions keep very well. It is a solution for providing customer the flat surface of touch screen.



Characteristics

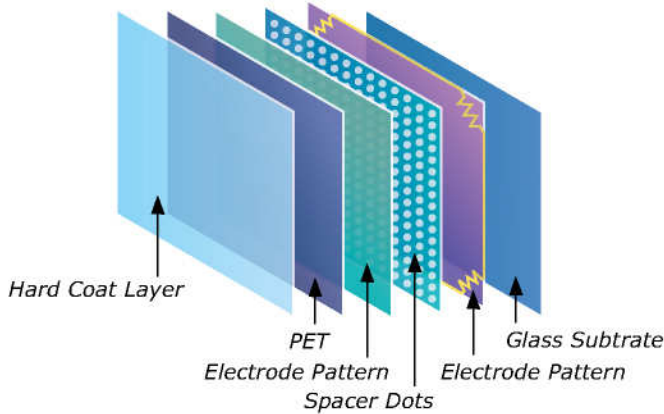
- Can provide PC or glass as the substrate for touch screen.
- Membrane could be any kinds of color and pattern.
- The largest size could reach 20" for Touch Window.
- High transparency and reaction.



Specification

Item	Specification
Input Mode	Finger or Stylus
Size Range	2"~20.1"
Type	4/5-Wire Resistive
Loop Resistance	100~1000 ohm
Positional Accuracy	1.5%
Transparency	76%~85%
Operating Force	50g
Writing Force	100g
Structure	1. M/F/PC 2. M/F/G
Connection Tail	FPC
Surface Hardness	3H
Operation Temperature	-10°C~60°C
Storage Temperature	-20°C~70°C
Scope of Application	Smart Phones, PDA, GPS, MP3 Player, Monitor

5-Wire Resistive Touch Screen



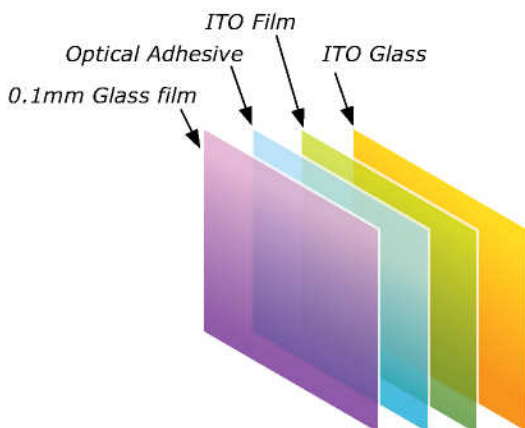
Specification

Item	Standard	Industry
Input Mode	Finger or Stylus	
Operation Temperature	-10°C~ 70°C	-30°C~ 80°C
Transparency	80% ↑	
Linearity	1.0%	
Hardness	3H	
Operating Force	50g ↓	
Draw Test	100,000 times	
Knock Test	35,000,000 times	
Glass Substrate	1.1 1.8 2.8mm	
Customize Various Size	5"~24"	
Scope of Application	KIOSK, ATM, POS, Touch Monitor	

Characteristics

- It is working well even the surface suffered scraped damage if the ITO Glass won't been hurt.
- 500°C high temperature manufacture process. Touch Screen function is very stable.
- Warranty is as longer as 2 years for normal operating with 35,000,000 touching times.
- We provide touch screen with high transparency (more than 80%).It is quite clear even your monitor with low brightness.
- We could customize various size for customers' request between 5 to 24 inch.
- It is easy to install into varied brands of monitor.
- Using solder method to connect 5-wire resistive touch screen tail part which enhances the stability.

Glass on Top (5-Wire Resistive Touch Screen)



Characteristics

- Hardness of the surface can reach 7H.
- It can prevent scratching and cutting.
- Transparency is still good (80%).
- Suitable size 7"-19".

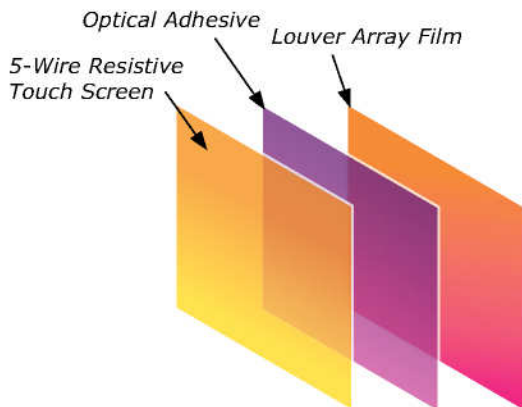
Specification

Item	Glass on Top
Input Mode	Finger or Stylus
Operation Temperature	-10°C~ 70°C
Transparency	80%↑
Linearity	1.5%
Hardness	7H
Knock Test	35,000,000 times
Operating Force	<85g
Customize Various Size	7"~19"
Scope of Application	POS, Touch Monitor, KIOSK, ATM

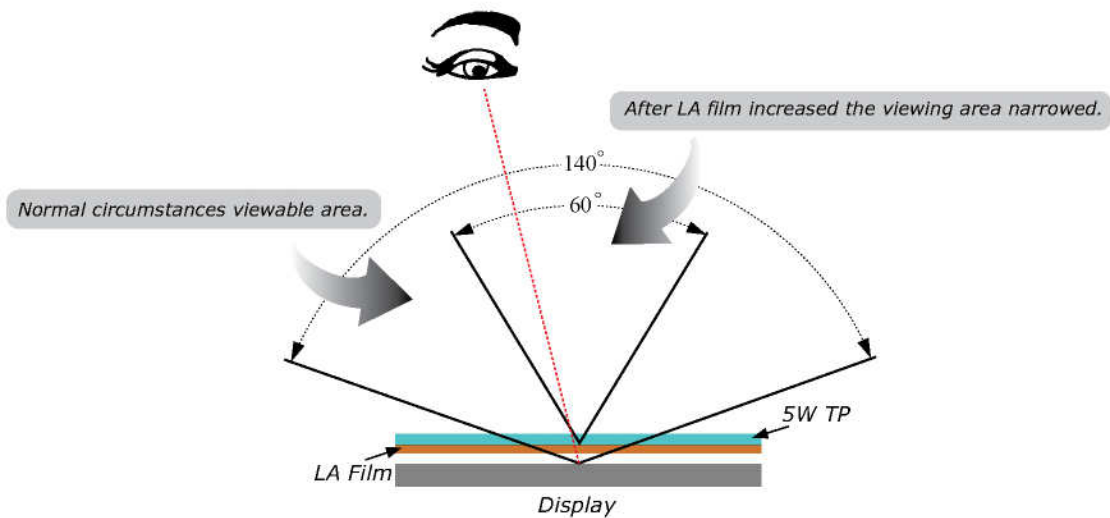
Viewing Angle Restrictions (5-Wire Resistive Touch Screen)

Characteristics

- Enhanced privacy features.
- Suitable for ATM and security product use.



Add a LA film on the 5-Wire Resistive Touch Screen in order to narrow the viewable angle and increase the privacy and secrecy. The application is suitable for ATM, Bank, security, and any privacy-oriented monitor.



Specification

Item	LA Film
Input Mode	Finger Or Stylus
Operation Temperature	-10°C~ 80°C
Storage Temperature	-20°C~ 70°C
Linearity	1.5%
Hardness	3H
Knock Test	35,000,000 times
Operating Force	<50g
Customize Various Size	12"~19"
Scope of Application	KIOSK , ATM , Security Product

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