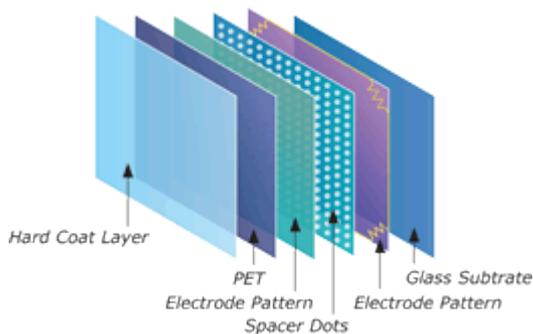


## Gtouch launches the best combination: 5 Wire Resistive Touch Screen + GTI Touch Controller

The 5-wire resistive touch screen is the best design in resistive touch technology. It has longer product lifetime than that of 4-wire resistive. Also, our products through high temperature process can withstand high temperature, humidity environment, and dramatic changes. This series covers a complete production line. We not only have standard 5-wire resistive touch panel, but also have vandal-proof, Glass On Top, sunlight readable, and touch lens. Therefore, we can provide the comprehensive solution to medical, military, and industrial uses. Moreover, our Glass On Top products add excellent anti-scratch effect to the panel. Touch lens products make the appearance of LCD monitor more attractive, and the outlook can be customized according to customer demand.



Resistive touch screens are generally built with two layers of electrically conductive materials (ITO Indium Tin Oxide or ATO Antimony Tin Oxide) separated by insulated dots. When an object touches the device, the two layers come into contact and produce a change in the electrical current for the device to register the signal as an analog touch event. The signal is then transported passed by the circuit and to be converted into a digital signal by the controller enabling the device to compute the exact location of the touch event.

- ITO Film <>PET

We offer ITO films of 3H in scratch hardness. Our ITO films come in two specifications: the Anti-Glare (Haze 10%±3%) and Glare (Haze 5%±2%).

- ITO Glass<>Glass Substrate

We offer ITO glasses of four varying thicknesses: 0.7mm, 1.1mm, 1.8mm and 2.8mm. In addition, we also offer tempered glass solutions.

The advantage of 5 Wire Resistive Touch Screen:

- The touch screen retains normal functionality even with considerable surface damage such as scratches, cuts, and gouges. ITO glass must remain intact in functionality.
- Manufactured with 500°C high temperature process to deliver stable product quality, making it better suited for industrial products.
- Instead of being glued, the tail is soldered on, improving connection stability and durability.

- Ambient temperature and humidity resistance testing guarantee that Groovy 5 wire touch screens are superior in hot and humid conditions. They are capable of retaining normal appearance, linearity and functionality even when submerged in water of 100°C for 100 minutes.
- Refined and reliable manufacturing technologies for large size screens; we accept custom orders with dimensions up to 26".

This GTI controller touch resolution can reach 4096 x 4096 pixel, and 250 POINT / SEC fast touch response time; in addition, the signal reading comes with a stable continuous lines effect under different pressure tests, but the degree of smoothing lines is much superior to other competitors. GTI controller has complete Certifications, including CE, FCC-B, RoHS, ESD. The product C/P value is very high.

Gtouch 5 wire resistive touch panel + GTI Controller are suited for **food and beverage retail POS, ATM machine, IP-65 / IP-67 waterproof industrial control panel pc, IP-65 / IP-67 marine control panel pc, medical Tablet PC, medical bedside pc, hospital nursing cart, vehicle control screen** and so on.

#### **The strength of Gtouch 5 Wire Resistive Touch Panel + GTI Touch Controller:**

- Touch panel with high temperature process, outstanding lifetime performance in the harsh environment.
- Can provide a longer life click since it is made by crystal film.
- Controller uses the newly developed chip, so it come out with **a more rapid touch response and smooth lines touch writing.**
- Touch Panel & Controller with **competitive prices.**
- Can be applied to various applications because of the functional integrity of its driver.
- Can offer customization services quickly.
- Can be designed and manufactured from 6.5 " ~ 26".

For more product information about Gtouch **5 Wire Resistive Touch Screen + GTI Touch Controller**, please email to [sky@gtouch.com.tw](mailto:sky@gtouch.com.tw).

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#### **About Gtouch**

Groovy Technology, established in 1995, is an organization of professionals dedicated solely to the touch screen industry. With the brand of "Gtouch," Groovy Technology manufactures and markets **4W/5W resistive touch screen, Capacitive touch screen, surface acoustic wave touch screen, infrared ray touch screen, optical touch screen, add on single touch screen, touch monitor and touch controller** all over the world.

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