

Gtouch introduces 28.6 inches ultra-wide bar type Surface Acoustic Wave Touch Screen

Public Kiosks, which can support sunlight-readable or are capable to be operated by gloved fingers in snowed environment are well known for its vulnerability to inappropriate operation such as scratches and punches as well as digital signage. In order to fully satisfy the various situations, Gtouch introduces 28.6 inches ultra-wide bar type Surface Acoustic Wave Touch Screen to meet above demands.

Gtouch has **strong customization capacity for special size with low NRE development cost** and **no mass order quantity limitation**. Compared with other types of touch screens, SAW (Surface Acoustic Wave) touch screen offer **a better touch performance**. It is user-friendly since the panel is capable to detect even the slightest touch. Additionally, since there is no require for direct contact to the surface of a panel, the likelihood to be damaged for components are less likely to happen. And this enable the product to be durable and stable. The results of reliability test indicate that lifecycle for SAW touch screens can be as long as 10 years.



The frequency and sensitivity of Gtouch SAW (Surface Acoustic Wave) touch screen significantly exceeded general SAW touch screen manufacturers. The explosion-proof capability of a 3 mm glass is much better than a general 6mm glass after special enhancement. Glass with scratch-resistance features in explosion-proof, long product life and is workable under snowed environment with gloved fingers. With the help of advanced technology, the accuracy of sense and fast response time are proved to be reliable.

Gtouch 28.6 inch SAW touch screen TFT panel is narrow-edged design, which is suitable for open-frame digital signage or frame type monitor.

Open-frame Type



Frame Type



Application : suitable for **outdoor sunlight-readable monitor**, **indoor Kiosk** or **elevator control panel**

Menu Monitor outside of Cafe



Public Kiosk



Control panel of elevator



To secure product quality, Gtouch imported large-sized optical glass directly from Japan and Germany instead of glass made in Taiwan. Then, cut the glass into pieces following the demanded size to manufacture SAW touch panel. The optical glasses are supplied by **Japan Corning**, **Japan AGC Glass** and **Germany Schott**. Moreover, by adding special materials in the glass substrate, the ultrasonic energy on surface can be transported more stable and smooth.

The strength of Gtouch SAW Touch Screen:

1. Import optical glass from Germany or Japan, high quality and good yield rate.
2. High customization capability, low NRE fee, no limitation for mass production quantity.
3. UHF piezoelectric ceramic (volatility error - 0.5%, unique patented technology).
4. Mixed PMMA (increasing several special raw materials to enhance the concentration and emission stability of the panel).
5. Exclusive high moisture resistance glass ink (developing in cooperation with the

Japanese glass ink manufacturer) °

6. DYMAX's UV glue – antacid, moisture resistant and high performance (different glue model for different object bonding) °

Product size of Gtouch 28.6 inches ultra-wide bar type SAW Touch Screen:

1. OVERALL OF SENSOR -- 726±1mm x 158.9±1mm
2. VIEW AREA -- 707±0.2mm x 139.4±0.2mm
3. ACTLVE AREA -- 698.4mm x 132.3mm

For more product information about Gtouch 28.6 inches ultra-wide bar type Surface Acoustic Wave Touch Screen, please email to sky@gtouch.com.tw.

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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