

# SOTouch

## Touch screen Solution



Using the **Reversys™ technology**, based on the recognition of acoustics waves generated by the user, the **SOTouch®** product combines the benefits of both resistive and capacitive technologies. No special coating of the glass, no sensor layer, the glass is unchanged, while no special recalibration is needed over time, thus reducing both failure cases and support costs.

### Key benefits :

- Multiple activation modes (finger, gloved hand, stylus or credit card)
- Very high accuracy
- Film free, scratch permissive surface
- Top optical characteristics allow use of low-powered and cost optimized displays

### This product is best suited for integration into products such as :

- Point of Sales
- Kiosks
- Automatic Teller Machine
- Medical
- Industrial
- etc.



# Technical data

## General performances

Activation method	Finger, gloved hand, stylus, credit card
Accuracy	Max error < 1% of diagonal size
Resolution	Scalable from low to very high resolution

## Optics and Mechanics

Light transmission	Pure glass light transmission (Min transmittance >90%)
Surface finish	Anti-glare possible
Sealability	Yes, the seal can meet up to IP65 standard (see detailed instructions)
Available sizes	From 10 to 20"
Technical zone	7 mm
Glass thickness	From 2 to 4mm, depending on screen size
Touch activation force	0.5N (dynamic)

## Environmental

Temperature range	-20 / +55 °C
Storage	-40 / +70 °C
Humidity	Not affected by humidity level

## Durability

Touch life	>50 millions activation on a single location
Chemical resistance	Toluene, acetone, ethyl acetate, gasoline, ammonia based products...
Surface state	Dirt, liquids, other external elements on the active surface does not cause functional failure
Surface hardness	MOHS hardness 7 or higher is required to induce a scratch. However, this will not cause functional failure.

## Software parameters

Double clic area, double clic speed, sensibility, equipement choice, calibration,...



Film free and scratch permissive surface



Innovative slim controller architecture



Compatible with Windows XP, CE and Linux\*



\* See website for more details

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