

THE NEW VALUE FRONTIER



The Birth of the
High Performance Touch Panel



Analog resistive type Glass/Glass Touch panel

Glass/Glass Touch panel Features

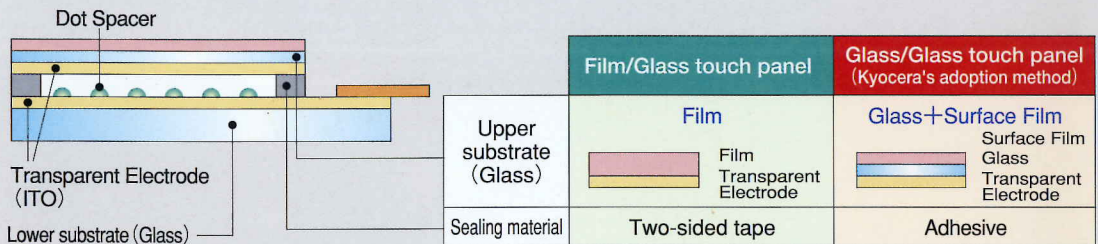
- Clarity
- Durability
- Customization

Provide excellent clarity by using high transparency glass substrates. Thus minimizing light scattering from irregular surfaced substrates.

Excellent durability over a wide operating temperature range, because the top and bottom substrates are both glass. The two substrates are assembled with a hermetic seal making the formation of condensation almost impossible even in a high humidity environment.

From our LCD history Kyocera learned that its customers may have needs outside the specifications of our standards. Therefore we offer the flexibility of providing a full or partial custom design to meet a customer's specific needs. We can change the substrate thickness, outline dimensions, surface finish, FPC Design, etc. Just tell us what you need.

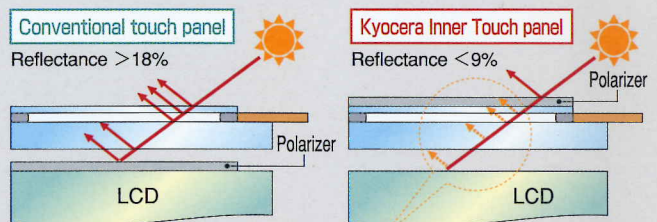
Structure



Standard specification

- Operating Temperature: -30°C~85°C
- Storage Temperature: -40°C~95°C
- Substrate Thickness: Operating side 0.2mm, Display side 0.7, 1.1, 1.8mm
- Actuation Force: 0.1-2N
- Operating life Striking (Finger-input): 100 million times
- Transmittance: 85% (In case of G/AR film)
- Surface Hardness: ≥2H
- Surface film option: Anti-reflection treatment, Anti-glare treatment, Anti-finger print treatment, Polarizer etc.

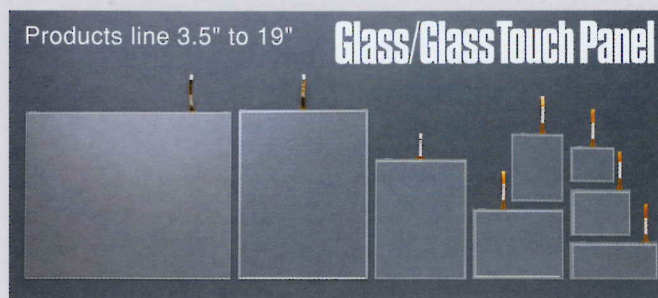
Inner Touch panel



*Kyocera's own evaluation result

Putting the polarizer on top of the touch panel's top glass reduces the reflective ratio dramatically and substantially improves sunlight readability. (Transparency is less than 50%)

Solution by combination



* The screen image is simulated



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*Product name and specifications are subject to change without prior notice.
 *Always read precaution in use when working with LCDs.
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