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Fujitsu Multi Input Touch Panels

Technology

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Fujitsu Multi Input Touch Panels

Detects almost any kind of input; finger, pen, gloved finger, credit card, etc….

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Resistive Touch Panels

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Fujitsu uses resistive analog matrix technology

Basic 5 wire analog technology

What is resistive analog matrix technology?

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Matrix resistive technology

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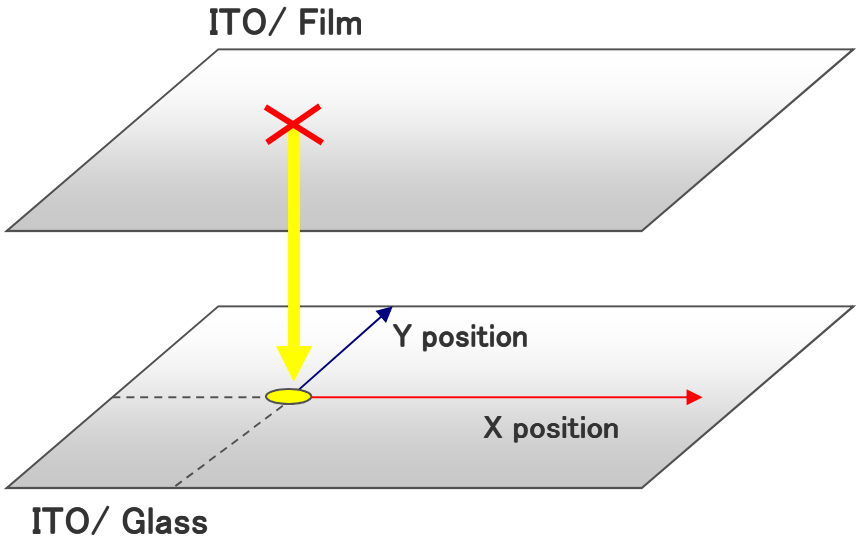
Basic 5 wire technology

Touch input takes place on the ITO/ Film layer.
The ITO/ Film layer is used as a voltmeter probe.

Both ITO layers touch and enable measurement of the X and Y axis to be measured on the glass



Visualization

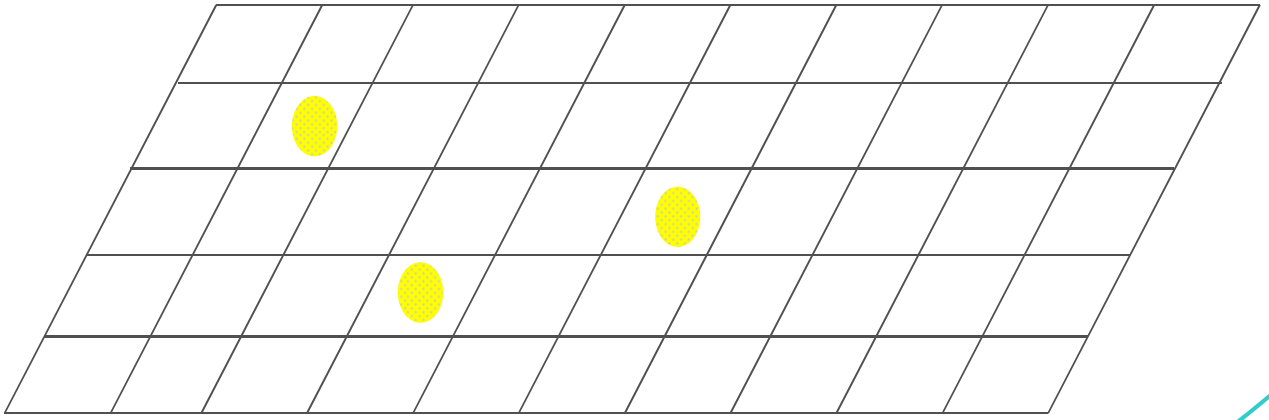
The current on the glass is interrupted and the X and Y axis can be measured

The ITO layer makes contact with the second ITO layer

Matrix resistive technology

The conductive ITO film has been transformed into a matrix separating the conductive film in separate areas.

The position data can now be sensed in separate areas and multiple input can be made.



Fact sheet

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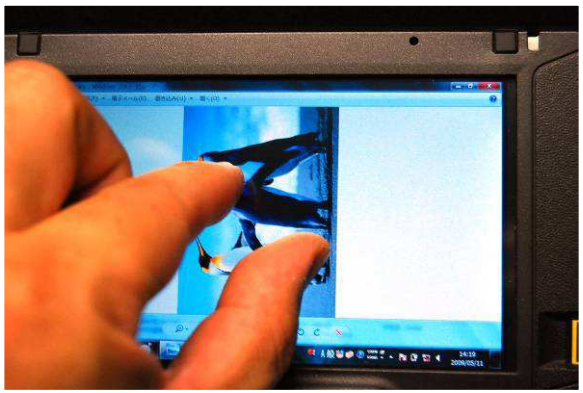
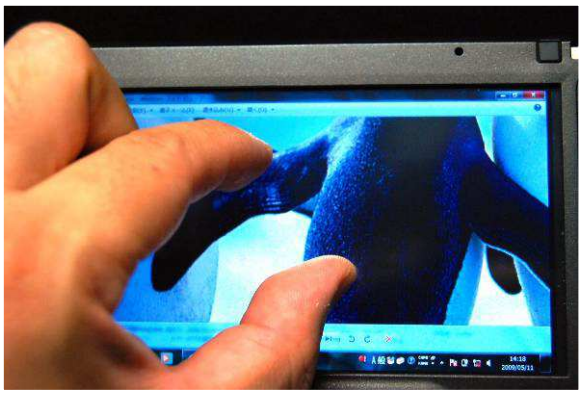
- Multi-input detection by the matrix method
- Position detection by the analogue resistive technology
- Input with pen, finer, glove, etc.
- Scaling, rotation, pinch, etc.
- Multi input, multi writing
- Windows approved for Win 7
- Sizes currently available 5 to 12 inch
- Controller IC & driver support for USB and Win 7





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Flash surface finish for Multi Input touch

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Surface finish top layer?

This is a top layer that can be applied on the touch panel surface to create a full-flat front face

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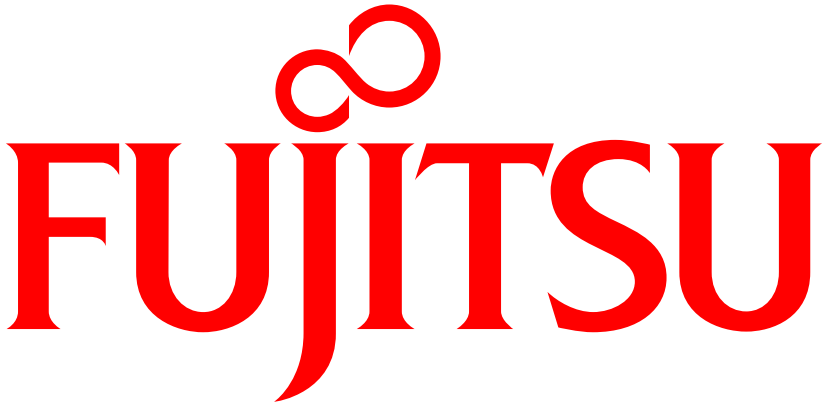

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