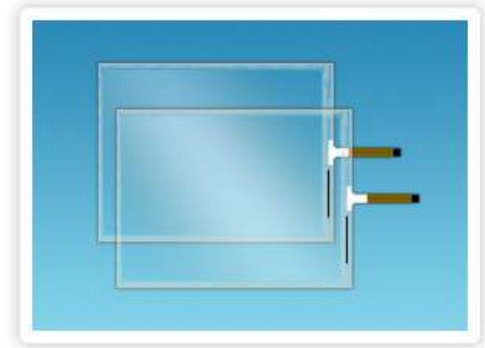


## 5 WIRE RESISTIVE TOUCH SCREEN

- Superior 5 Wire technology.
- Film on glass touch screen with superior image clarity, high resolution and good light transmission.
- Durable - 35 million touches per point life.
- High touch point density: upto 4096 x 4096.
- Accurate operation.
- Antiglare glass option.
- Finger, gloved hand and soft stylus activation.
- Flat touch screen in 10.4", 12.1", 15", 15.6", 17", 18.5", 19", 21.5", 20.1", 22" sizes. Other sizes available on order
- Controllers compatible with Windows family, Linux and DOS



### Advantages of 5 wire resistive touch screen

- The 5 wire resistive touch screen provides outstanding endurance and reliability compared to 4-wire resistive touch screens.
- Touch endurance of 5 wire touch screen is guaranteed for 35 million touches, resulting in the highest reliability.
- Different from the common resistive film method, electrodes on the glass enhance the touch-response
- Exceeding 35 million times, it can be used for applications where a resistive touch screen could not be adopted previously. Response is also faster and more accurate.
- 5 wire resistive touch screen is produced by fusing electrodes of more than 4H directly on the glass surface to provide resistance to humidity, cold and heat. This is a very reliable production method.
- 4 Pont calibration becomes easy to maintain and does not require re-calibration
- 5 wire film does not use coordinates on the film side and hence forms and maintains stable coordinates, so that calibration is required only while setting up the system and thus a very effective maintenance-free environment is provided.
- Chemical Resistant : Acetone, Methylene chloride, Methyl ethyl ketone, Isopropyl alcohol, Hexane, Turpentine, Mineral spirits, Unleaded Gasoline, Diesel Fuel, Motor Oil, Transmission Fluid, Antifreeze

### Applications:

- Point-of-Sale uses: convenience store, movie theater, lottery terminal, fast food, etc.
- Industrial uses: Automated testing, automation equipment, man-machine interface, etc.
- Medical uses: medical instrument, research equipment and patient monitoring system.
- Transportation uses: Inner vehicle control panel.
- Information Kiosk, Gaming Kiosk, Banking Kiosk, MMI and HMI applications

### Desktop Resistive LCD Touch Monitor

SoftTouch has touch enabled popular **Desktop Monitors** using 5 wire Resistive touch screens. Sizes available are 10.4", 12.1", 15", 17", 19" & 22" other sizes are available on request

These are also available as **LCD Touch Monitors** in different sizes.



## Open Frame Resistive LCD Touch Monitor for Kiosks and Machine Automation Application

Also available from SoftTouch are special LCD touch Monitors designed to be integrated into your kiosk or other enclosure easily. They do not have the usual plastic cabinet to restrict your touch screen or kiosk application.

**Open Frames** are available with mounting brackets and can be simply installed into a kiosk just by tightening the screws. These are available with integrated 5 wire resistive touch screen or as LCD display only without touch screen in 15", 17", 19" & 22" sizes



## 5 Wire Resistive Touch Screen Specifications

Technology	: 5 wire resistive
Construction	: Glass, uniform resistive coating, polyester coversheet, transparent insulating dots, conductive coating
Light Transmission	: 85-87%
Touch Activation Force	: Touch force 20g to 110g
Deviation of Error	: <1.5% of true position
Resolution	: 4096 x 4096
Touch Point density	: 100,000 touchpoints/in <sup>2</sup> (15,500 touchpoints/cm <sup>2</sup> )
Response time	: Less than 8 milliseconds
Life time	: More than 35 Million touches in one location without failure.
MTBF	: Over 50,000 Hours
Dust Proof & Water proof	: Meet NEMA 4 and 12, and IP 65 standards
Surface Hardness	: 4 H
Operating Temperature	: -10°C to +80°C
Storage Temperature	: -40°C to +80°C
Operating Humidity	: 95%
Storage Humidity	: 95%
Operating attitude	: 10,000 feet above sea level
Static Load	: 500g within 30 sq. cm area for 30 sec
Agency Approvals	: CE, FCC,ROSH,UL
Warranty	: 1 year standard, 2 years extended

## Contact for Sales

### SoftTouch Technologies

Office #18, First Floor, Raka Palace, Near Indian Overseas Bank Chinchwad, Pune – 411 033 Maharashtra, India	Works #46,47 B Wing, Sanghvi Steel Compound, Mohan Nagar, Chinchwad, Pune – 411019 Maharashtra, India
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Office Phone: +91-20-64100281 / 65103865

Email: [sales@softtouch.co.in](mailto:sales@softtouch.co.in)

URL: [www.softtouch.co.in](http://www.softtouch.co.in)

#### International Sales Contact

Anand Kelkar

+919766606301

[anand@softtouch.co.in](mailto:anand@softtouch.co.in)