Two-Touch 5-Wire Resistive Touch Screen

Key Features

- 5-Wire Resistive Touch Sensor Compatible
- 2-Touch
- USB2.0 Operation
- USB Power
- Screen Sizes Currently Available: 15" and 12.1" (4:3)
- Glove, Stylus & Finger Compatible
- Negligible RF Emissions
- Suitable for Harsh Environments
- Fully Operational in Intense Rain and Salt Water
- Low Cost
- Responsive
- Standard Resistive Controller Size
- Standard Resistive Controller Connections

Applications

- Touch Screen Monitors
- Kiosk / POS
- Mobile Computing
- Healthcare Devices
- GPS Devices

AbraxSys' new solution for applications that require resistive touch sensors, but also demand two-touch capability. Recently-developed two-touch resistive touchscreen controller works with our standard 5-wire resistive sensors and Hardened Armored Touch Resistive Sensors. It delivers two-touch capability demanded by today's GUIs in applications facing the demanding environments that only resistive touch sensors can endure. At 100 touch points per second for single touch and 70 touch points per second for two-touch, this solution easily facilitates fast and smooth touch operations. The controller also offers HID Plug & Play in Windows with Linux soon to follow. AbraxSys' Two Touch Solutions bring new capabilities to the reliable tried and tested 5-Wire Resistive technology.

This new technology offers:
1) Full two-touch operation, ideal for pinch, zoom, rotate and drag gestures.
2) All the performance and capabilities normally associated with 5-wire resistive touch technology

touch technology was developed with the harshest environments in mind, so it's no wonder that it excels in reliability, durability, and expected product life. Impervious to environmental conditions such as liquid spills and splashes and washdown, these screens are the most contamination-resistant available. They deliver drift-free operation for a lifetime of 35 million finger touches.

Benefits

- Stable, drift-free operation
- Broad input flexibility
- Contamination resistance
- Accuracy in high-use applications
- Long product life
- Meets NEMA 4/4x/12 and IP65 standards

General Touch Parameters

Input .... Any Object

Number of Touches 2

Palm Masking .... Yes

Touch Force (1- touch) .... 60 g

Touch Force (2-touch, per touch) .... 70 g

Communication

Touch Report Resolution 15-bit

Reports Per Second (1-touch typical) 100

Reports Per Second (2-touches typical) 60

USB .... HID-Digitizer

Regulatory

RoHS .... Yes

FCC and CE Class B Emissions .... Pending

FCC and CE RF Immunity (>10V/m)............................ Pending

Interface

Controller Interface USB-2.0

Powering .... USB

Operation System Compatibility

Built-In HID OS Support ....Windows 7, 8, 10

Sensor Environmental Specifications

Operating Temperature .... -40°C to +75 °C

Storage Temperature .... -50°C to +95 °C

Relative Humidity .... 95% RH at 60°C non-condensing

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