



Enabling a paperless future

## StaticCap<sup>®</sup> Touch Sensor Panel



Find out more:

[scriptel.com/support/  
staticcap-touch-system/](http://scriptel.com/support/staticcap-touch-system/)

**Rugged Reliability**  
**Industry Best Service**  
**Software Excellence**

### *Features*

- Resists Scratches, Spills, and Drops
- Sub-Pixel Input Accuracy
- 30 years of expertise developing pen input systems

### *Touch Sensor Panel Benefits*

- Custom Sizes Up to 26"
- Wide Range of Uses
- Uses the PCD1000 Controller and Active Digital Pen

**Rated for More than  
1 Million Signatures!**

## Panel Specifications

<b>Input Method</b>	Pen/Touch
<b>Detection Method</b>	StaticCap
<b>Linearization</b>	Factory
<b>Sensor Resolution</b>	595 points/inch
<b>Transparency</b>	89%
<b>Aspect Ratio</b>	Varies
<b>Operational Temperature</b>	0-50 degrees Celsius

## Electronics

<b>Communication</b>	Customer Specified
<b>Power Connection</b>	3.3Vdc or 5Vdc
<b>Connectors</b>	Flexible Pin Connector Customer Specified
<b>Input Voltage</b>	Customer Specified
<b>ESD</b>	4kV Contact, 8kV Air
<b>Power Consumption</b>	Varies
<b>Point Speed (PPS)</b>	>150

## Operating Systems Supported

Customer Specified

## Controller

<b>Controllers Available</b>	PCD1000
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## Mechanical

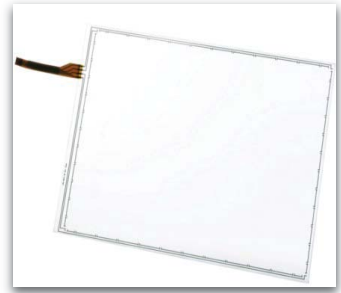
<b>Structure</b>	Glass
<b>Power Connection</b>	3.3Vdc or 5Vdc
<b>Touchscreen Overlay</b>	Glass Touch Screen
<b>Glass Thickness</b>	.039" - .125"
<b>Sensor ITO</b>	Coated Glass
<b>Activation Force</b>	< 50g stylus
<b>Display Size</b>	4.3" - 26" Diagonal
<b>Sealing</b>	Customer Specified
<b>Tail Connection</b>	Solder-less
<b>Cable Length</b>	Customer Specified
<b>Cable Exit</b>	Customer Specified
<b>Cable Termination</b>	6-pin Molex
<b>Dimensions</b>	Customer Specified
<b>Cleaning</b>	Water, isopropyl alcohol, or similar non-abrasive cleaners

## Reliability

<b>Surface Obstructions</b>	Withstands most surface contaminants
<b>Chemical Resistance</b>	ASTM F 15989-95 ASTM D 1308-87
<b>Liquid Resistance</b>	Liquids on screen do not impede touch per- formance (screen only)
<b>Storage Temperature</b>	-10° to 60° Celsius
<b>Humidity</b>	55% RH at 50° Celsius

## Touch and Pen Input

Most Surface Capacitive solutions have little or no ability to capture pen input. Our StaticCap alternative provides exceptional pen input (single pixel resolution) and finger touch in a single package that functions seamlessly.



## Palm Rejection

Dependable palm rejection allows pen detection to flow effortlessly without interference from fingers or hands resting on the sensor.

## Optical Clarity

Our simple manufacturing process uses a thin coating of ITO on the underside of the glass. This single layer of conductive material results in superior optical performance without color change and with minimal distortion.

## Cursor Steering

StaticCap Technology creates the ability to enable a "hovering" effect to steer mouse input and enable gestures like dragging and dropping.

## Integration Services Available from Scriptel

Technical support, maintenance, application and hardware support are all available to help your Scriptel integration flow smoothly.

## About Us



**Slimline 1x5**  
ST1475 / ST1476



**Slimline LCD**  
ST1570 / ST1571



**Compact LCD**  
ST1550 / ST1551



**Magstripe LCD**  
ST1525 / ST1526



**Desktop LCD**  
ST1500B / ST1501B



**Desktop 1x5**  
ST1400 / ST1401



**mSign**

Scriptel Corporation was founded in 1982 and is based in Columbus, Ohio. The company quickly became the industry leader in digitizer components and electronic signature capture. In the late 80's, Scriptel launched the PenWriter, the first computer peripheral that provided high quality pen input on a device with its own LCD display. For the first time, this allowed users to see and use their own handwriting on their computers.

Today, Scriptel Corporation is the leader in capacitive pen digitizing technology, a very durable and cost-effective way to electronically simulate pen and paper. The company holds several patents and has deployed its technology in over three million solutions used around the world, mostly in the demanding retail point-of-sale environment. Virtually everyone that has signed on a payment terminal for a credit card purchase sometime in the past 15 years has used a Scriptel pen at some point in time.

Beginning in 2010, Scriptel entered the digital workflow market with the ScripTouch ST1500, a dedicated electronic signature pad that provides high reliability with three year warranty, and has since launched a full line of ScripTouch signature pads that meet important market needs, backing these up with excellent service and software integration support.

In the summer of 2015, Scriptel achieved two important milestones. First, it launched its second generation EasyScript interface that adds signature data streaming and higher resolution for a better user experience to its highly successful "no client install" API for browser-based applications. Second, it achieved Citrix Ready status for all signature pads and launched ScripTouch Remote, optional software for trouble-free administration and operation of signature pads on Citrix XenApp, XenDesktop and other RDP-based virtualization architectures.