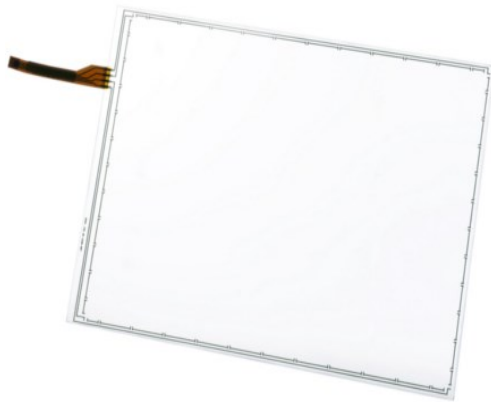


StaticCap® Touch Sensor Panel

State of the art designs with a high level of accuracy, clarity, and durability.



StaticCap® Touch Sensor Panel Benefits:

- Custom sizes up to 26"
- Wide range of uses
- Uses the PCD1000 Controller and Active Digital Pen

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.

SERVICES AVAILABLE

Technical Support

Maintenance

Application Support

Hardware Support

SCRIPTEL EMBEDDED STATICCAP® GLASS DIGITIZER

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

For more information on any of our products or services please visit us on the Web at:

www.scriptel.com

Scriptel®
CORPORATION

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www.scriptel.com

V. 3.5

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SYSTEM PERFORMANCE

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

ELECTRONICS

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

OPERATING SYSTEMS SUPPORTED

Customer Specified

MECHANICAL

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

RELIABILITY

Surface Obstructions	Withstands most surface contaminants
Chemical Resistance	ASTM F 15989-95 ASTM D 1308-87
Liquid Resistance	Liquids on screen do not impede touch performance (screen only)
Storage Temperature	-10 degrees C to 60 degrees Celsius
Humidity	55% RH at 50 degrees Celsius

CONTROLLER

Controllers Available PCD1000

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