

**TSITOUCH**

# SKIN ULTRA

THE BEST TOUCH EXPERIENCE



**THE BEST SOLUTION FOR HIGH END EXPERIENCE PROJECTS**

## **SIZES**

From 30" up to 135"

## **BENEFITS**

- Tablet-like touch experience for large displays
- Optical Transparency
- Superior Accuracy and Response

## **KEY FEATURES:**

- High Speed and Touch Resolution
- Infinity Design that allows 1mm between sensors
- Palm & Arm Detection
- Available as Stretched Touch Display

## **TYPICAL INSTALLATIONS:**

- Experiences
- Museums
- Interactive Mirrors
- Gaming
- Touch Tables

# TECHNICAL SPECIFICATIONS

## TSI TOUCH SKIN ULTRA

### GENERAL

Detection Method	Projected Capacitive Technology Multitouch
Input Method	Finger and Gloved Finger
Number of Simultaneous Touches	100
Film Sensor Thickness	100 Micron transparent polymer film
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Sizes	30" to 135"
Aspect Ratio	16:9 standard - customized aspect ratios available
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Substrate	Tempered Glass
Interface	HID
OS with Multitouch	Windows 10, 8, 7, Ubuntu 12.04, Linux, Android, Chrome OS
OS with Single Touch	Mac OS X Yosemite (multitouch support through TUIO bridge)
OS with Mouse Emulation	Spinetix Media Player HMP 200, Samsung SSP D Series
Data Connectivity	USB 2.0
Touch Accuracy	0.26% of sensor diagonal
Sensor Weight	260 g
Controller Weight	60 g
USB Cable Length	2 m

### PERFORMANCE

Substrate Thickness	Up to 10 mm
Touch Response	5 milliseconds
Finger Separation	1,30% of sensor diagonal
Calibration	Available using control panel: no drift
Gap Between Sensors	1mm (INFINITY Feature)

### POWER CONSUMPTION

Average Power Consumption (P)	USB powered @ 5 V Peak consumption: 410 mA Operation consumption: 370 mA
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### RELIABILITY

Operating Temperature Range	-20 °C to 70 °C
Storage Temperature Range	-40 °C to 135 °C
Operating Humidity Range	0% to 96%
Storage Humidity Range	0% to 100%, except controller
Touch Sensor Life Time Expectancy	Unlimited
Touch Controller Life Time Expectancy	1 million hours
Warranty	3 years (Optional 5 year extended warranty available)