SKIN ROUND

UNIQUE FORM FACTOR

TRANSFORM THE WAY USERS INTERACT WITH CONTENTS

BENEFITS

- For Projection or Round LCDs
- Versatility and ease of integration
- Create a new User Interface
- Provide an immersive and creative User Experience

KEY FEATURES:

- Flexible Projected Capacitive sensor
- 5 milliseconds response time
- Up to 100 simultaneous touches
- HID works with a wide range of Operating Systems

TYPICAL INSTALATIONS:

- Museums
- Retail
- Experiences
- Showrooms
- Exhibitions

SPECIFICATIONS

Up to 1397mm Diameter

100 Up to 100 Finger Touches

5ms Touch Response

Unique Form Factor

10 Up to 10mm Glass Thickness

Works with Any OS

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TECHNICAL SPECIFICATIONS

DISPLAX SKIN ROUND

GENERAL

Detection Method	Projected Capacitive Technology Multitouch
Input Method	Finger and Gloved Finger
Number of Simultaneous Touches	
254mm up to 499mm	40
500mm up to 1397mm	100
Film Sensor Thickness	100 Micron transparent polymer film
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Sizes	254mm to 1397mm
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Substrate	Float Glass, Gorilla 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)
Data Connectivity	USB 2.0
Controller Weight	
254mm up to 499mm	42 g
500mm up to 1397mm	60 g
USB Cable Length	2 m

PERFORMANCE

Substrate Thickness	Up to 10 mm
Touch Response	5 milliseconds
Touch Accuracy	0.53% of sensor diagonal
Finger Separation	2,64% of sensor diagonal
Calibration	Available using control panel: no drift

POWER CONSUMPTION

Average Power Consumption (P)	USB powered @ 5 V
	Operation consumption: 250 mA

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	2 years

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