



DISPLAX Skin Dualtouch

THROUGH GLASS TOUCH FILM

- Projected capacitive multitouch film allows to have edgeless, flat or curved surfaces
- Comes in a wide diversity of sizes and formats, and features the unique XTR-Shield™ noise shielding technology

Benefits:

Turns non conductive materials into multitouch edgeless surfaces
Can be used with most common Operating Systems
Not affected by change in lighting conditions
Lightweight technology, easily shipped to any location in the World

Key features:

2 true independent touches
HID (Human Interface Device), no drivers required
XTR-Shield™ - Noise shielding technology, unique in large formats
Sizes from 20'' to 105'', in 4:3, 16:9 and custom formats
Advanced calibration

Typical applications:

Interactive digital signage
Digital out of home advertising
Retail
Entertainment
Vending

DISPLAX™ Skin Dualtouch

SPECIFICATIONS

GENERAL

Detection method	Projected Capacitive Technology
Input method	Finger and gloved finger
Number of simultaneous touches	2
Sensor thickness	100 micron transparent polymer
Noise Shielding	DISPLAX XTR-Shield™, a proprietary noise filtering technology
Sizes	20" to 105"
Aspect ratio	4:3, 16:9, custom formats available
Controller	Printed circuit board with USB connector
Adhesive	Permanent or removable
Materials	Float glass, Gorilla glass
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	0,8% of sensor diagonal
Sensor weight	260 g
Controller weight	40 g

PERFORMANCE

Substrate thickness	Up to 15mm
Touch response	9 ms
Finger separation	40mm (tested on a 42" sensor laminated on a 4mm thick glass)
Minimum touch tip	4mm (tested on a 42" sensor laminated on a 4mm thick glass)
Calibration	Available using control panel: no drift

POWER CONSUMPTION

Average power consumption (P)	USB powered @ 5V Operation consumption: 220 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 lifetime expectancy	Unlimited
Touch Controller lifetime expectancy	1 million hours
Warranty	2 years

DISPLAX™ Skin Dualtouch is designed, manufactured and assembled in EU

*Home Premium SP1; Professional SP1; Ultimate x64 SP1

** Depending on kernel and multitouch support. Contact us for further discussion

*** 39.0.2171.85(64-bit)

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