



DISPLAX Skin Fit

TOUCH PERFORMANCE AND VERSATILITY

- High speed
- Versatile and adaptable product
- Wide range of glass thickness
- Features *XTR-Shield™ Plus*, the most advanced generation of DISPLAX's proprietary noise filtering technology.

Benefits:

Superb touch experience
Wide variety of application and use
Versatility and ease of integration
Highly customizable

Key features:

Flexible projected capacitive sensor
40 simultaneous touches
Sizes from 20" to 105", 16:9 and 4:3 aspect ratio, custom formats
5 milliseconds response time
Works up to 15 mm glass thickness
HID (Human Interface Device) – works with a wide range of Operating Systems
XTR-Shield™ Plus – Most advanced noise filtering technology

Typical applications:

Indoor & outdoor kiosks	Indoor kiosks
Custom structures	Wayfinding
Multitouch tables	Shopping window applications

DISPLAX™ Skin Fit

SPECIFICATIONS

GENERAL

Detection method	Projected Capacitive Technology
Input method	Finger and gloved finger
Number of simultaneous touches	40
Sensor thickness	100 micron transparent polymer
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Sizes	20" to 105"
Aspect ratio	16:9, 4:3, custom formats
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent, removable
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 UIO bridge)
OS with mouse emulation	Spinetix Media Player HMP 200, Samsung SSP D Series
Data connectivity	USB 2.0
Touch accuracy	0,53% of sensor diagonal
Sensor weight	260 g
Controller weight	42 g
USB cable length	2 m

PERFORMANCE

Substrate thickness	Up to 15 mm
Touch response	5 milliseconds
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
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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	2 years

DISPLAX™ Skin Fit 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

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