



DISPLAX Skin Ultra Fit

TOUCH PERFORMANCE AND VERSATILITY OF APPLICATION COMBINED

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 30" to 100", 16:9 and 4:3 aspect ratio, custom formats
- 5 milliseconds response time
- Works up to 15mm 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 and outdoor interactive kiosks
- Touch tables
- Shopping window applications
- Custom structures

DISPLAX™ Skin Ultra Fit

SPECIFICATIONS

GENERAL

Detection method	Projected Capacitive Technology
Input method	Finger and gloved finger
Number of simultaneous touches	40
Sensor thickness	125 micron transparent polymer
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Sizes	30" to 100"
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 UIIO bridge)
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1 mm absolute
Sensor weight	260 g
Controller weight	42g

PERFORMANCE

Substrate thickness	Up to 15mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift

POWER CONSUMPTION

Average power consumption (P)	USB powered @ 5V
	Peak consumption: 450 mA
	Operation consumption: 310 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	1 year

DISPLAX™ Skin Ultra 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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