DISPLAX

DISPLAX Skin Ultra

UNRIVALED TOUCH EXPERIENCE

- High speed
- Touch resolution
- Optical transparency
- XTR-Shield™ Plus, the most advanced generation of DISPLAX's proprietary noise filtering technology

Benefits:

Tablet-like touch experience for large format displays
Optical transparency
Superior accuracy and response
No parallax effect, ahead of traditional sensors

Key features:

Flexible projected capacitive sensor
100 true independent touches
Sizes from 30'' to 105'', 16:9 aspect ratio
5 milliseconds response time
XTR-Shield™Plus – Most advanced technology for noise filtering
Palm & arm detection
Advanced calibration

Typical applications:

LCD integration
Mega tablets
Multitouch tables
Indoor kiosks
Wayfinding
Retail

DISPLAX™ Skin Ultra

SPECIFICATIONS

GENERAL	
Detection method	Projected Capacitive Technology
Input method	Finger and gloved finger
Number of simultaneous touches	100
Sensor thickness	100 micron transparent polymer
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Sizes	30'' to 105''
Aspect ratio	16:9
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)
OS with mouse emulation	Spinetix Media Player HMP 200, Samsung SSP D Series
Data connectivity	USB 2.0
Touch accuracy	1 mm absolute
Sensor weight	260 g
Controller weight	60g
PERFORMANCE	
Substrate thickness	Up to 10mm
Touch response	5 milliseconds
Finger separation	14mm (tested on a 42'' sensor laminated on a 5mm thick glass)
Minimum touch tip	3mm (tested on a 42'' sensor laminated on a 5mm thick glass)
Calibration	Available using control panel: no drift
POWER CONSUMPTION	
Average power consumption (P)	USB powered @ 5V Peak consumption: 410 mA Operation consumption: 370 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 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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