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	Indoor kiosks
Mega tablets	Wayfinding
Multitouch tables	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	0,26% of sensor diagonal
Sensor weight	260 g
Controller weight	60 g
USB cable length	2 m

PERFORMANCE

Substrate thickness	Up to 10 mm
Touch response	5 milliseconds
Finger separation	1,30% of sensor diagonal
Calibration	Available using control panel: no drift

POWER CONSUMPTION

Average power consumption (P)	USB powered @ 5 V 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	2 years

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)