DISPLAX
MULTITOUCH TECHNOLOGIES

DISPLAX Skin Ultra

UNRIVALED TOUCH EXPERIENCE

High speed | Touch Resolution | Optical transparency | Tablet-like touch experience
Features *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 40'' to 55'', 16:9 aspect ratio
5 milliseconds response time
XTR-Shield™ Plus - Advanced generation of noise filtering technology
Superior touch accuracy and highly responsive
Palm and Arm Rejection

Typical applications:

LCD integration
AIO displays
Mega tablets
Tables

GENERAL	
Detection method	Projected Capacitive Technology
Input method	Finger and gloved finger
Number of simultaneous touches	100
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Sizes	40'' to 55''
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Substrate	Float Glass, Gorilla Glass
Interface	HID – Windows, Linux, Android, Chrome
Data connectivity	USB 2.0
Touch accuracy	1 mm relative
Sensor weight	260 g
Controller weight	60 g
PERFORMANCE	
Substrate thickness	2mm to 4mm
Touch response	5 milliseconds
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
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours
Warranty	1 year

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

Web
www.displax.com

E-mail
touch@displax.com

Displax Multitouch Technologies
(Head-Office)
Parque Industrial de Adaufe
Rua Soldado Manuel Pinheiro Magalhaes, 68
4710 - 167 Braga
Portugal

Phone
+351 253 141 500