



DISPLAX Skin Multitouch

THROUGH GLASS MULTITOUCH FOIL

Projected Capacitive Multitouch Foil allows to have edgeless, flat or curved surfaces. Comes in a wide diversity of sizes and formats, and features the unique XTR-Shield™ noise shielding technology and the XTR-Pressure™ pressure sensing technology.

Benefits:

- Turns non conductive materials into multitouch surfaces
- Flat, edgeless surfaces
- True Multitouch & Multiuser
- Excellent accuracy and response
- Minimal gap between sensor and display
- No parallax effect, ahead of traditional sensors
- Can be used with LCD/LED or Projection*
- Not affected by change in lighting conditions
- Lightweight technology, easily shipped to any location in the world
- Through Glass capability allows extreme durability (resistant to liquids and UV, no deformation over time)
- Control a larger display with a smaller sensor

Key features:

- Flexible Projected Capacitive Sensor
- 20 or 2 true independent touches
- XTR-Shield™ - Noise shielding technology, unique in large formats
- Excellent accuracy due to high number of sensing intersections
- Sizes from 30" to 100", with 4:3 and 16:9 aspect ratio (custom formats also available)
- Palm and Arm Rejection
- XTR-Pressure™ Pressure Sensing technology
- Native Windows 8 & Windows 7 Gestures
- Advanced Calibration

Typical applications:

- Interactive Signage
- Indoor & Outdoor Kiosks
- Tables
- Cleanrooms & harsh environments
- Unusual structures

* Skin Multitouch is not compatible with Plasma displays

DISPLAX™ Skin Multitouch SPECIFICATIONS	
GENERAL	
Detection method	Projected Capacitive Technology
Input method	Finger and gloved finger
Number of simultaneous touches	20 or 2
Sensor thickness	100 micron transparent polymer
Noise Shielding	DISPLAX XTR-Shield™, a proprietary noise filtering technology
Sizes	30" to 100"
Aspect ratios	4:3; 16:9; custom formats available
Light transmission	96%
Controller	Printed circuit board with USB connector
Adhesive	Removable or Permanent
Materials	Glass, Corian. Acrylic is not recommended
Operating system	Windows 8 & Windows 7 with multitouch functionality available; Linux Ubuntu 14.04 or above; Mac OS X Yosemite, Mavericks, Lion; TUIO support embedded on driver
Data connectivity	USB 2.0
Touch accuracy	1 mm relative
Sensor weight	200 g
Controller weight	65 g
PERFORMANCE	
Touch thickness	Adjustable by software to a maximum thickness of 20 mm
Touch gestures	Microsoft Windows 8 and Windows 7 Touch Gestures
Frame rate	50 FPS
Response time	18 ms
Calibration	Available using driver software: no drift
Permitted graphic resolution	Unaffected by computer display resolution
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 MULTITOUCH is designed, manufactured and assembled in EU

Shipping:

Packaging: Cardboard cylindrical tube

Dimensions (height x diameter):
125 cm x 13 cm (up to 50")
195 cm x 13 cm (from 50" to 80")
270 cm x 13 cm (more than 80")

Weight: 3 kg to 7 kg

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