



DISPLAX™ SKIN DUALTOUCH

THROUGH GLASS DUALTOUCH FOIL

DISPLAX™ SKIN DUALTOUCH is a large format through glass true dualtouch foil. Comes in a wide diversity of sizes and formats and features the unique XTR-Shield noise shielding technology.

Benefits:

- Turns non conductive materials into dualtouch surfaces
- Flat, edgeless surfaces
- Excellent accuracy and response
- Minimal gap between sensor and display
- No parallax effect, ahead of traditional sensors
- Through Glass capability allows extreme durability – resistant to liquids and UV, no deformation over time
- 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

Key features:

- Flexible Projected Capacitive Sensor
- 2 true independent touches
- Excellent accuracy due to high number of sensing intersections
- XTR-Shield - Noise shielding technology, unique in large formats
- Works through a wide range of thicknesses, up to 20 mm glass
- Sizes from 30" to 100", with 4:3 and 16:9 aspect ratio
- Two units can be applied to the same glass (e.g., side by side)
- Native Windows 8 & Windows 7 Touch Gestures support
- Sensor test window function (capability to check sensor and automatically send results to DISPLAX support)
- Upgrade to 6 or 12 touches available

Typical applications:

- Interactive Signage and Kiosks
- Command Centers and Boardrooms
- Retail (e.g., shop windows)
- Museums and Architecture Projects
- Brand Experience and Exhibitions
- TV Channels

DISPLAX™ SKIN DUALTOUCH SPECIFICATIONS

GENERAL

Detection method	Projected Capacitive Technology
Input method	Finger and gloved finger
Number of simultaneous touches	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 and 16:9, custom sizes available
Light transmission	96%
Controller	Printed circuit board with USB connector
Adhesive	Removable or Permanent
Operating system	Windows 8; Windows 7 with multitouch functionality available*; Linux Ubuntu 11.10 or above; TUIO
Data connectivity	USB 2.0
Touch accuracy	1 mm relative
Sensor weight	126 g (42" version)
Controller weight	65 g

PERFORMANCE

Touch thickness	Adjustable by software to a maximum thickness of 20 mm
Touch gestures	Microsoft Windows 8 & 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
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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

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 (approximately)

DISPLAX™ SKIN DUALTOUCH is designed, manufactured and assembled in EU

* Home, Premium, Professional, Enterprise and Ultimate. Information subject to change by Microsoft