

PCAP OVERLAY



A PROFESSIONAL METAL MESH PCAP OVERLAY

STANDARD SIZES

22" - 32" - 43" - 55" - 65" - 75" - 86"

BENEFITS

- Metal Mesh based sensor
- High optical transmission
- Pristine image display
- Ideal for high volume touch integrations
- Easy to assemble with few screws

KEY FEATURES:

- Robust Noise Filtering
- Auto-tuning Software
- Reliable Touch Performance

TYPICAL INSTALATIONS:

- Classrooms & Meeting Rooms
- Self-Service Kiosks
- Experiences

SPECIFICATIONS

10

Finger Touches

5

Up to 5mm
Glass Thickness

8ms

Fast Response



Palm Rejection



Anti-Glare
Glass



High Volume



TECHNICAL SPECIFICATIONS

DISPLAX LG PCAP OVERLAY

GENERAL

Detection Method	Projected Capacitive Technology Multitouch
Input Method	Finger and Gloved Finger
Number of Simultaneous Touches	10
Glass Thickness	Up to 5mm
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Sizes	22", 32", 43", 55", 65", 75" and 86"
Aspect Ratio	16:9
Controller	Printed circuit board with mini USB connector
Film Sensor Thickness	500 Micron transparent polymer film
Glass Standard	Anti-Glare
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)
Data Connectivity	USB 2.0
Touch Accuracy	0.1% of sensor diagonal
Bezel Color	Black
Calibration	Available using control panel: no drift

POWER CONSUMPTION

Average Power Consumption [P]	USB powered @ 5 V Peak consumption: 320 mA Operation consumption: 300 mA
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RELIABILITY

Operating Temperature Range	0°C to 60 °C
Storage Temperature Range	-20°C to 70°C
Operating Humidity Range	20% to 70%, non-condensing
Storage Humidity Range	0% to 80%, at 60°C, non-condensing
Touch Sensor Life Time Expectancy	Unlimited
Touch Controller Life Time Expectancy	1 million hours
Warranty	2 years

DESIGNED FOR TRUE TOUCH EXPERIENCES

CLASSROOMS, MEETING ROOMS, RETAIL, SELF-ORDERING KIOSKS

