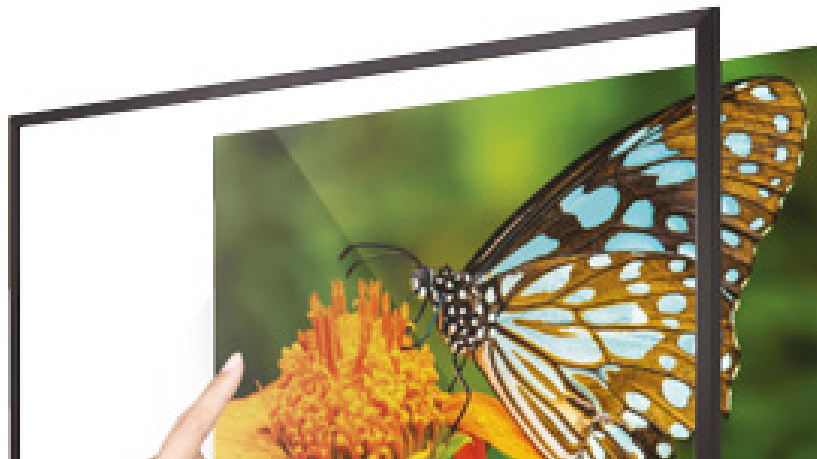


PCAP OVERLAY



A PROFESSIONAL PCAP TOUCH OVERLAY KIT

STANDARD SIZES

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
- LG WebOS Compatible

TYPICAL INSTALATIONS:

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

SPECIFICATIONS

10

Finger Touches

5

Up to 5mm
Glass Thickness

8_{ms}

Fast Response



Palm Rejection



Metal Mesh
Based Sensor

webOS

Web OS
Compatible



TECHNICAL SPECIFICATIONS

ALIZEY 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	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
LG WebOS Compatibility	Yes
OS with Multitouch	Windows 10, 8, 7, Ubuntu 12.04, Linux, Android, Chrome OS, Web OS
OS with Single Touch	Mac OS X Yosemite (multitouch support through UIIO 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

	USB powered @ 5 V
Average Power Consumption (P)	Peak consumption: 320 mA
	Operation consumption: 300 mA

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	3 years

COMPATIBILITY

Sizes	Supported LCD Series	LCD Dimensions (WxHxD)
32"	SE3K3; SM5KE; 32SM5J	729,4 × 428,9 × 55,5 mm
43"	UM3DF; UH5F; UH5F-H	962,5 × 568 × 39,9 mm
55"	UM3DF; UH5F; UH5F-H; UH7F; UH7F-H	1234,4 × 720,9 × 39,9 mm
65"	UM3DF; UH5F; UH5F-H; UH7F; UH7F-H	1453,3 × 844 × 39,9 mm
75"	UH5F-H	1682,4 × 960,3 × 57,9 mm
86"	UH5F-H	1926,2 × 1246,8 × 60,6 mm

DESIGNED FOR **TRUE TOUCH EXPERIENCES**

CLASSROOMS, MEETING ROOMS, RETAIL, SELF-ORDERING KIOSKS

“ Turn your LG signage displays into truly touch-responsive experiences, delivering reliable and superior commercial-grade products.

