

MESH

GREAT OPTICS PLUG & PLAY



A PROFESSIONAL METAL MESH PCAP ULTRA LARGE TOUCH MODULE

STANDARD SIZES

22" - 24" - 27" - 32" - 43" - 49"
50" - 55" - 65" - 75" - 85" - 86"

BENEFITS

- Metal Mesh based sensor
- High optical transmission
- Pristine image display
- Ideal for high volume touch integrations

KEY FEATURES:

- Robust Noise Filtering
- Auto-tuning Software

TYPICAL INSTALATIONS:

- Indoor
- Self-Service Kiosks
- Touch Displays
- LCD Touch Integration

SPECIFICATIONS

10

Finger Touches

5

Up to 5mm
Glass Thickness

8_{ms}

Fast Response



Palm Rejection



Anti-Glare
Glass



High Volume



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TECHNICAL SPECIFICATIONS

DISPLAX MESH

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", 24", 27", 32", 43", 49", 50", 55", 65", 75", 85" 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 TUJO bridge)
OS with Mouse Emulation	Spinetix Media Player HMP 200 / Web OS / Tizen
Data Connectivity	USB 2.0
Touch Accuracy	0.1% of sensor diagonal
USB Cable Length	2 m
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

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

