

METAL MESH

PCAP TOUCH SOLUTION



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 clarity
- Ideal for high volume touch integrations

KEY FEATURES:

- Robust Noise Filtering
- Auto-tuning Software

TYPICAL INSTALLATIONS:

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

TECHNICAL SPECIFICATIONS

TSI TOUCH METAL MESH

GENERAL

| | |
|--------------------------------|--|
| Detection Method | Projected Capacitive Technology Multitouch |
| Input Method | Finger and Gloved Finger |
| Number of Simultaneous Touches | 40 |
| 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 | Tempered |
| 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) |
| 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

| | |
|-------------------------------|---|
| | 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 (Optional 5 year extended warranty available) |