

# MULTI-TOUCH G6S (SLIM)

## Large Format Force Sensitive Touch Screen

- ✦ 3D Pen for Handwriting
- ✦ 3D Finger for 3D interaction
- ✦ Providing 4K Level Touch Fidelity
- ✦ Recognizing presenter's identity by FingerID



### TOUCH FEATURE

|                           |   |
|---------------------------|---|
| Available Sizes           | 32", 40", 42", 46", 48"<br>55" (actual diagonal: 54.6", for most LCD TVs)<br>55" (actual diagonal: 55", for Plasma)<br>* Other sizes are available upon request |
| Detectable Touch Points   | Basic: 6 Touch Poin<br>Standard: 12 Touch Points<br>Plus: 32 Touch Points<br>Ultimate: 50+ Touch Points   |
| Touch Glass               | PQ Labs Ultra-Smooth Mighty Glass<br>32" – 46": 3mm Mighty Glass<br>48" – 55": 4mm Mighty Glass   |
| Touch Fidelity            | Less than 0.5mm (0.02 Inch)   |
| Minimum Detectable Object | 1.5mm   |
| Sample Rate               | Up to 250 fps   |
| Frame Thickness           | Touch Bezel Thickness (from glass to frame surface)<br>32"-55": 4.9 mm<br>Frame Thickness (with glass)<br>32"-55": 8.8 mm                                       |
| Programming interface     | PQ Labs SDK / Windows Native Touch / TUIO   |
| Operating System          | Windows 10/8/7/Vista/XP, Mac OS X, Ubuntu/Fedora<br>Android (Fully support iStick, other Android devices need to be customized)                                 |
| Outdoor Anti-Sunlight     | All day, Strongest sunlight (150,000 lux ≈ 13,900 foot-candle)<br>Display facing any orientations: East, West, North, South                                     |
| Waterproof                | Anti-Spill, customizable to IP66  |
| HID                       | Up to 12 touch points (without driver)<br>Up to 50+ touch points (with driver)  |

# G6S MULTI-TOUCH SCREEN

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## FORCE SENSITIVITY

|                         |  |
|-------------------------|--|
| Technology              | PQ Labs Q-Force Technology   |
| Pressure Sensitivity    | 2048 Levels  |
| Force Activation Object | 3D Pen: Any pen, pen tip between 1.5mm - 6mm (0.06 inch - 0.24 inch)<br>Other: Any opaque objects. |
| Software Environment    | PQ Labs Multi-Touch Platform   |
| Operating System        | Windows 7 or later   |

## PEN & TOUCH DETECTION

|                       |  |
|-----------------------|--|
| Application Mode      | 3D Pen / 3D Finger   |
| Pen & Touch Detection | Automatic Detection  |
| Pen Force Protocol    | Windows Ink<br>PQ Labs SDK   |
| Finger Force Protocol | Advanced feature, Only Available in PQ Labs SDK (Not supported by Windows Ink) |

## OTHER TOUCH PARAMETERS

|                        |  |
|------------------------|--|
| Power Supply           | USB Powered  |
| Data Interface         | USB 2.0 (Full speed), compatible with USB 3.0 / USB 1.1 port<br>USB A Type Receptacle  |
| Touch Activation Force | No pressure required   |
| Touch Durability       | Unlimited  |
| Environment            | Operating temperature: 0 °C to 55 °C<br>Storage temperature: -25 °C to 85 °C<br>Operating humidity: 10% to 90% RH, non-condensing<br>Storage humidity: 10% to 90% RH, non-condensing |