

G7 FLAT TOUCH SCREEN

Powered by P-Cell Technology

- Near-Invisible Screen Bezel
- Pressure Sensitivity for Any Pen
- Pen & Finger Differentiation
- 4K Touch Fidelity



TOUCH FEATURES

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|---------------------------|---|
| Available Sizes | 32", 40", 42", 46", 47", 48", 50", 52", 60", 65", 70", 80", 84", 98" * Other sizes are available upon request |
| Detectable Touch Points | Standard: 12 Touch Points Plus: 32 Touch Points Ultimate: 50+ Touch Points |
| Touch Glass | PQ Labs Ultra-Smooth Mighty Glass 32" – 47": 3mm Mighty Glass 48" – 98": 4mm Mighty Glass |
| Touch Fidelity | Less than 0.5mm (0.02 Inch) |
| Minimum Detectable Object | 1.5mm |
| Sample Rate | Up to 250 fps |
| Bezel Size | Width: 3.8mm Height: 3mm |
| Programming Interface | PQ Labs SDK / Windows Native Touch / TUIO |
| Operating System | Windows 10/8/7/Vista/XP, Mac OS X, Ubuntu/Fedora 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) Display facing any orientations: East, West, North, South |
| Waterproof | Anti-Spill, customizable to IP66 |
| HID | Up to 12 touch points (without driver) Up to 50+ touch points (with driver) |

PRESSURE SENSITIVITY

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|-------------------------|--|
| 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) Other: Any opaque objects. |
| Software Environment | PQ Labs Multi-Touch Platform |
| Operating System | Windows 7 or later |

PEN & TOUCH DETECTION

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

OTHER TOUCH PARAMETERS

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