

G7T TOUCH SCREEN

Powered by P-Cell Technology

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



TOUCH FEATURES

Available Sizes	55", 65" * 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: 6.2mm Height: 6.0mm
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

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

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

Power Supply	USB Powered
Data Interface	USB 2. (Full speed), compatible with USB 3. / USB 1.1 port USB A Type Plug
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