

MULTI-TOUCH G6 KIT

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	<p>32", 40", 42", 46", 47", 48", 50", 55" (54.6"; 55"), 60", 65" (64.63"; 65.11"), 70" (69.59"; 70.25"), 80", 84", 98"</p> <p>55" (actual diagonal: 54.6", for most LCD TVs)</p> <p>55" (actual diagonal: 55", for Plasma)</p> <p>65" (actual diagonal: 64.63", for most new LCD TVs)</p> <p>65" (actual diagonal: 65.11")</p> <p>70" (actual diagonal: 69.59", for most 70" TVs)</p> <p>70" (actual diagonal: 70.25", for Samsung 70" only)</p> <p>* Other sizes are available upon request</p>	
Detectable Touch Points	<p>Basic: 6 Touch Points</p> <p>Plus: 32 Touch Points</p>	<p>Standard: 12 Touch Points</p> <p>Ultimate: 50+ Touch Points</p>
Touch Glass	<p>PQ Labs Ultra-Smooth Mighty Glass</p> <p>32" – 47": 3mm Mighty Glass</p> <p>48" – 84": 4mm Mighty Glass</p> <p>98" Not Available</p>	
Touch Fidelity	Less than 0.5mm (0.02 Inch)	
Minimum Detectable Object	1.5mm	
Sample Rate	Up to 250 fps	
Frame Thickness	8.6mm	
Programming interface	PQ Labs SDK / Windows Native Touch / TUIO	
Operating System	<p>Windows 10/8/7/Vista/XP, Mac OS X, Ubuntu/Fedora</p> <p>Android (Fully support iStick, other Android devices need to be customized)</p>	
Outdoor Anti-Sunlight	<p>All day, Strongest sunlight (150,000 lux ≈ 13,900 foot-candle)</p> <p>Display facing any orientations: East, West, North, South</p>	
Waterproof	Anti-Spill, customizable to IP66	
HID	<p>Up to 12 touch points (without driver)</p> <p>Pen available (pressure sensitivity without driver)</p> <p>Up to 50+ touch points (with driver)</p>	

G6 KIT 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) 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 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 USB A Type Receptacle
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