MULTI-TOUCH G6 SERIES
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

PQ Labs

TOUCH FEATURE

Available Sizes	32", 40", 42", 46", 47", 48", 50", 52", 60", 65", 70", 80", 84" 55" (actual diagonal: 54.6", for most LCD TVs) 55" (actual diagonal: 55", for Plasma) * Other sizes are available upon request
Detectable Touch Points	Basic: 6 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" – 84": 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	8.6mm
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)

G6 MULTI-TOUCH SCREEN
Large Format Force Sensitive 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 PARAMENTERS

Power Supply	USB Powered
Data Interface	USB 2.0 (Full speed), compatible with USB 3.0 / 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