

G5 MULTI-TOUCH SCREEN

Raising the Bar of Touch Experience

- Providing 2K/4K Level Touch Fidelity
- Pen+Touch Recognition
- Active Pressure Sensitive Pen
- Detects 1.5mm Tiny Objects



TOUCH FEATURES

Available Sizes	32", 40", 42", 46", 47", 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	Dual: 2 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 50" – 84": 4mm Mighty Glass
Touch Fidelity	4K Model: Less than 0.5mm (0.02 Inch) 2K Model: Less than 1mm (0.039 Inch)
Minimum Detectable Object	1.5mm (4K Model or 6 Touch Points and above) 2.7mm (Dual Touch)
Sample Rate	Up to 250 fps
Frame Thickness	8.6mm
Programming Interface	PQ Labs SDK / Windows Native Touch / TUIO
Operating System	Windows 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 \approx 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)

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 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

ACTIVE PEN

Pressure Sensitivity	2048 Levels
Data Transmission	Wireless, USB Dongle Receiver Included
Operation Range	5 Meters
Power Supply	2 x AAA Battery
Typical Battery Life	3 months, about 300km writing length
Stylus Protocol	PQ Labs SDK / Microsoft.Ink
Operating System	Windows 7 or later
Software Environment	PQ Labs Multi-Touch Platform
Screen Eraser	Shipped together with Active Pen. You can use a width / height \geq 30mm object to instead of Eraser to erase screen content.

PASSIVE PEN

Pen Tip Diameter	1.5mm - 6mm (0.06 inch - 0.24 inch)
Operating System	Windows 7 or later
Software Environment	PQ Labs Multi-Touch Platform
Stylus Protocol	PQ Labs SDK / Microsoft.Ink

WIRELESS DISPLAY & WIRELESS TOUCH (AirScreen)

Maximum Resolution	1920 x 1080
System Requirements	Server: Windows PC / iStick (A300 or better) Client: Windows PC / Mac / iPhone / iPad Network: Wi-Fi network, server and client in the same subnetwork
Software Environment	PQ Labs Multi-Touch Platform & AirScreen Server

3D TOUCH PRESENTER (Magic 3D PPT)

Supported File Type	PPT / DOC / XLS / PDF
Hardware Requirements	CPU: Intel i5 Series or higher RAM: 4GB or larger Graphic Card: NVIDIA 650TI / ATI HD7700 or higher Disk Space: 1GB
Operating System	Windows 7 or later
Software Environment	PQ Labs Multi-Touch Platform Microsoft Office 2010 or later (Word / Excel / PowerPoint required)

WIRELESS INTERACTIVE PRINTER (Magic Printer)

Supported Devices	Print from iPhone / iPad / iPod Touch
Printed Interactive Area	Support 32" - 500" Touch Screen
Printer Driver	Windows 7 or later
Software Environment	PQ Labs Multi-Touch Platform