



IntelliTouch® Pro-G Glass-Glass Projected Capacitive Touch Solution

Overview

The Elo IntelliTouch® Pro-G Projected Capacitive (PCAP) touch technology offers a fast and sensitive response and professional-grade reliability combined with a stylish, sleek design. Elo IntelliTouch Pro-G PCAP is designed for the rigors of commercial applications.

The glass-glass solution (2GS) offers pristine optical clarity, high touch durability and long term stability over temperature. IntelliTouch Pro-G is available in standard screen sizes up to 27-inches with 10-point multi-touch capabilities.

Elo offers a complete PCAP solution including touch screen, controller, drivers for various operating systems and software utilities resulting in shorter development and integration time. The complete integration guide provides guidelines to simplify integration and avoid typical issues such as EMI from sources such as the power supply or LCD screen.

Elo also offers a wide range of customization options to meet your requirements including screen dimensions, cover glass thickness, LCD bonding, branding and surface treatments such as anti-glare.

Touch Screen



Controller

8200-Series up to 22"
8300-series 24" -70"



Software Drivers and Utilities

Download at

elotouch.com/Support/Downloads



Benefits

- 10-point multi-touch
- Fast and sensitive touch response
- Pristine optical clarity
- Long-term stable operation over temperature
- Optional surface treatments such as anti-glare

Applications

- Interactive digital signage
- Gaming and lottery terminals
- Industrial automation
- Medical equipment
- Transportation kiosks
- POS solutions
- Self-service/service automation

About Elo

Elo founders pioneered the touchscreen over 40 years ago. Today, Elo Touch Solutions is a leading global supplier of touch-enabled technology, products and industry solutions. The Elo portfolio encompasses the broadest selection of OEM touch screen components, touch monitors, and all-in-one touch computers for the demanding requirements of diverse markets, including gaming cabinets, hospitality systems, industrial automation, interactive kiosks, healthcare, office equipment, point of sale terminals, retail displays, and transportation applications. The Elo touch experience has consistently stood for quality, reliability and innovation with over 20 million installations worldwide.

Elo IntelliTouch Pro-G Glass-Glass Projected Capacitive Specifications

Touchscreen	
Size Range	7" to 27"
Light Transmittance	≥ 90%
Haze	< 1%
Overall Thickness	3.1mm
Cover Glass Thickness	1.8mm
Durability	Over 50 million touches in one location
Sealing	Can be sealed to meet NEMA 4, NEMA 12 and IP 65 standards
Touch Performance	
Input Methods	Finger, gloved hand, or passive stylus
Number of Touches	Up to 10
Report Rate	> 100Hz
Latency	< 25ms
Positional Accuracy	± 2.5mm
Resolution	4096 x 4096
Touch Activation Force	Zero
Electrical	
Communication Interface(s)	USB (Standard), I2C, HID Over I2C (Optional)
Power Supply Voltage Requirements	5V (USB)
Current – Operating Mode	Typical 58mA
Environmental	
Touchscreen	Operating Temp -20 to 70C (Non Condensing) Storage Temp -40 to 85C (Non Condensing)
Controller	Operating Temp -20 to 70C (Non Condensing) Storage Temp -40 to 85C (Non Condensing)
Safety Approvals	UL
Software	
Operating Systems	Windows XP, Windows 7, Windows 8, Linux, Android
Utilities	Multiple monitor, various touch modes, touch zones
Warranty	
	2 year limited warranty

To find out more about our extensive range of Elo touch solutions, go to www.elotouch.com, or call the office nearest you.

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