TouchPro™ Pro-G Glass PCAP

10" to 27" Touch Solution
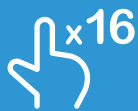
**×16** 🖐
16 pt Multi-Touch
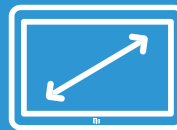
Up to 27" (Standard Format)

2 Glass Solution (2GS)

Product Overview

The Elo TouchPro Pro-G Projected Capacitive (PCAP) touch technology offers a fast and sensitive response and professional-grade reliability combined with a stylish, sleek design. Elo's 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. Pro-G is available in standard screen sizes up to 27-inches with 10-point multi-touch capabilities. Elo's TouchPro line 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.
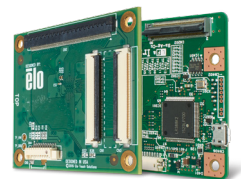
Controller
8300-Series 24" - 70"
8200-Series up to 22"

Elo TouchPro Pro-G Glass Projected Capacitive Specifications

Touchscreen	
Size Range	7" to 27"
Light Transmittance	≥ 90%
Haze	< 1%
Overall Thickness	3.1mm
Cover Glass	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
Response Time	25ms (15ms secondary)
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

Benefits	Applications
16-point multi-touch	Interactive digital signage
Fast and sensitive touch response	Gaming and lottery terminals
Excellent optical clarity	Industrial automation
Long-term stable operation over temperature	Medical equipment
Optional surface treatments such as anti-glare	Point-of-information & transportation kiosks
	POS solutions
	Education/white board
	Self-service/service automation

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

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