



IntelliTouch® Pro-M Large Format Projective Capacitive Touch Solution from 32 to 70 inches

Overview

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

The advanced mesh construction offers excellent optical clarity, durability and long term stability in a lighter weight construction. IntelliTouch Pro-M is available in standard 32, 42, 46 and 55 inches with 10-point multi-touch capabilities. Custom solutions with 50-point multi-touch and up to 70 inches are also available.

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, branding and surface treatments such as anti-glare.

Touch Screen



Controller

8300-series 24" -70"



Software Drivers and Utilities

Download at elotouch.com/Support/Downloads



Benefits

- 10-point multi-touch standard
- 50-point multi-touch available
- 32 to 70 inches
- Fast and sensitive touch response
- Excellent 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
- Point-of-information & transportation kiosks
- POS solutions
- Education/white board
- 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-M Large Format Projected Capacitive Specifications

Touchscreen	
Size Range	32" to 70"
Light Transmittance	≥85% ± 3%
Sealing	Can be sealed to meet NEMA 4, NEMA 12 and IP 65 standards
Overall Thickness	3.4mm
Cover Glass	2.8mm chemically strengthened
Durability	Over 50 million touches in one location
Cleaning	Clear glass is unaffected by cleaning solutions
Treatment Options	Anti-Glare
Touch Performance	
Input Methods	Finger, 2mm passive stylus
Number of Touches	10 touches standard; up to 50 touches available
Response Time	25ms (15ms secondary)
Report Rate	10ms
Positional Accuracy	± 2.5mm
Resolution	4096 x 4096
Touch Activation Force	Zero
Electrical	
Communication Interface(s)	USB
Power Supply Voltage Requirements	5V
Power Consumption - Operating	450mW
Power Consumption - Idle	65mW
Environmental	
Touchscreen	Operating Temp 0 to 60C Operating Relative Humidity (Non Condensing) 80%
Controller	Operating Temp -20 to 60C Operating Relative Humidity (Non Condensing) 90%
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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