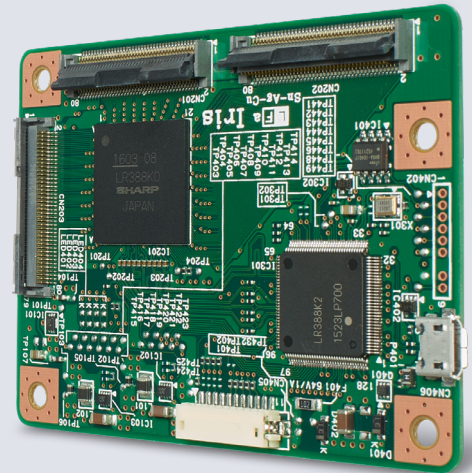




# TouchPro® PCAP 8300 Series Controller

≥42" Touch Solution



Multi-Touch Controller



Supports ≥42" Touch Solutions



High Performance for  
Large Format

## Product Overview

The Elo TouchPro 8300 series touch controllers paired with Elo's Pro-M film based large format PCAP sensor offers a complete touch solution designed specifically for very large diagonal commercial and industrial touch applications. This family of controllers supports ITO alternative film sensors and can be used in challenging large format industrial environments with gloves and thick cover glass. Elo offers a complete PCAP solution including touch screen, controller, drivers for various operating systems and software utilities which result in shorter development and integration time. The available integration guide provides recommendations 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 cover glass specifications and finishes along with colors and logos. Contact an Elo sales representative for more details.

## Elo TouchPro PCAP 8300 Series Controllers\*

Touchscreen Support	
Size Range	≥42"
Construction	Glass/Film
Cover glass thickness	to 8mm

Touch Performance	
Input Methods	Finger, gloved hand, or passive stylus
Number of Touches	40
Response Time	25ms (15ms)
Report Rate	100Hz
Positional Accuracy	+/-2.0mm
Resolution	4096 x 4096

Electrical	
Communication Interface(s)	USB or I2C

Environmental	
Operating Temperature	-20C to +70C
Humidity	90% RH (non-condensing)
Safety Approvals	UL/CE

Software	
Operating Systems	Windows, Linux, Android, Mac OS
Driver Features	Multiple monitors, various touch modes, touch zones

\*Actual technical specifications depend on multiple design variables including touch IC, tuning parameters and screen size. Values below are for reference only.

To find out more about our extensive range of Elo touch solutions, go to [elotouch.com](http://elotouch.com), or call the office nearest you.

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