

3M™ MicroTouch™ System SCT3210EX

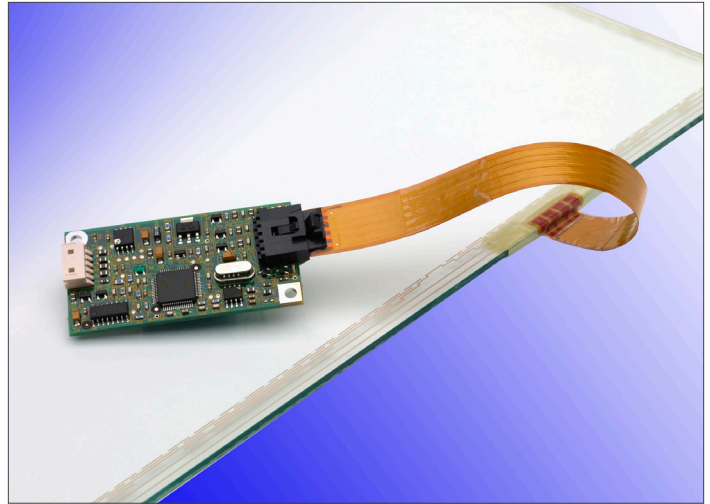
The Clear Touch Solution for Superior Optical Performance

3M Touch Systems has more than 25 years of surface capacitive technology expertise and specifically designed the 3M™ MicroTouch™ System SCT3210EX to meet the performance requirements of display applications ranging from 10 to 32 inches. With no glass etching or anti-glare coating this product portfolio is ideal for applications that require clear glass and do not require anti-glare (AG) properties. Three dimensional (3D) and imaging are examples of applications that are an excellent fit for SCT3210EX products because their users demand advanced clarity and brilliant optical performance.

With the combination of the 3M™ ClearTek™ proprietary hard coat and a scratch-resistant top coat, the 3M™ MicroTouch™ Sensor SCT3210 offers superior surface durability compared to other surface capacitive solutions. This surface durability feature helps the SCT3210 touch sensor support heavy-use applications while maintaining its functional, optical and aesthetic characteristics. The polished-like glass surface maintains these high standards while providing a product with superior clarity.

In addition to the superior SCT3210 touch sensor design, the 3M™ MicroTouch™ Controller EX with its dedicated custom ASIC sets the performance standard for capacitive sensing electronics and offers industry-leading ESD protection (based on published specifications). The EX controller's proprietary firmware and patented algorithms dynamically adapt to changes in the application's environment to help maintain the initial video alignment of the display for the life of the product. And, due to the dedicated ASIC, the SCT3210EX touch system has a "minimum touch duration" that is 50% faster than typical surface acoustic wave and surface capacitive solutions (based on published specifications).

With millions of 3M surface capacitive touch systems in use around the world, the 3M MicroTouch™ System SCT3210EX continues to be a preferred touch solution for demanding applications, such as gaming and retail, that require 24/7 reliability.



Recommended Applications

- Gaming machines
- Amusement stations
- Digital Signage
- Healthcare displays
- Specialty displays

Feature	Benefit
All-Glass Solution with 3M ClearTek Hard Coat	<ul style="list-style-type: none">• High light transmission provides superior display performance• Superior surface durability maintains optical and functional performance• Polished-like glass finish provides superior clarity and more vivid optical performance
EX Electronics	<ul style="list-style-type: none">• High MTBF provides reliable system performance• High ESD performance to meeting industry requirements• Dedicated ASIC creates fast, accurate touch response
Scratch-resistant Top Coat	<ul style="list-style-type: none">• Low surface energy resists surface scratching• Smooth surface for better drag and draw performance• Durable finish for easy-to-clean surface