



POWERED BY

ShadowSense™

Taking the Pain out of Patient Care

Streamline hospital workflows, optimize inpatient throughput and improve patient care with ShadowSense powered medical devices.

ShadowSense is an innovative and patented multi-touch technology that uses high performance sensors operating in the analog domain to provide unprecedented performance, accuracy and reliability.

A perimeter based sensor design, ShadowSense decouples the touch function from the protective glass providing maximum optical clarity for detailed medical imaging functions. Furthermore, the fully enclosed electronics isolate the touch frame from equipment that is sensitive to electromagnetic interference.

No longer is it necessary for doctors and nurses to remove their gloves while performing time critical operations. The unique ability to detect the transparency of a touch object means ShadowSense can differentiate between the touch of a finger versus fluids or gels that are accidentally applied to the screen.

ShadowSense alleviates the demanding needs of healthcare professionals by providing a dependable interface to the tools that enable them to work more efficiently and effectively.

Key Benefits



Fast, Accurate, Repeatable

With sub-10 ms response times and sub-2 mm touch accuracy, every touch point is independently tracked to provide a reliable touch interface.



Input Agnostic

Recognizes the shape, size and pressure of any object whether it's bare fingers, latex gloves, scalpels or other medical instruments.



EMI Shielded

Enclosed entirely within the frame and independent of the glass surface, all electronics are completely isolated from potentially sensitive medical devices.



IP Sealable

Frame based touch system allows display to be sealed for IP65 rated applications, essential for cleaning and disinfecting surfaces.



Frame Based Design

Perimeter based technology provides class leading optical clarity and ensures that touch is impervious to scratches, dust or debris on the screen.



Hover Touch

Allows operation without physical contact with the screen surface, meeting anti-microbial requirements and forgoing sterile drapes.



Fluid Rejection

Sensitivity to shadow density provides a simple way to isolate and reject unintentional touches from translucence substances, fluids and gels.

Product Portfolio

Slim Touch Series

- 5 point multi-touch overlay
- Ultra low-profile 3.2 mm high bezel
- Impervious to surface scratches, debris and liquids
- Sizes from 15" and above



Midsized Series

- 5 point multi-touch overlay
- Open frame design fits common displays
- 3 mm tempered glass with 91% optical clarity
- Sizes from 15" to 22"



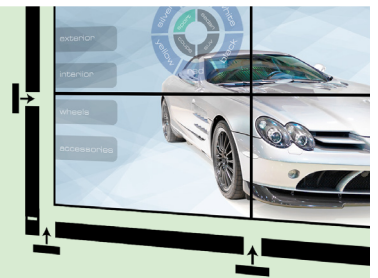
Large Format Series

- 10 point multi-touch frames
- High ambient light immunity
- Supports passive pen and eraser inputs
- Sizes from 31" to 98"



Modular Touch Series

- Modular multi-touch frame
- Fits large video walls using thin bezel displays
- Easy to transport, install and service
- Sizes up to 267"



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