



Industries Served

Industries Served – Home Appliance Touch Solutions



Dignity has more than twenty years of experience in providing interface solutions for the appliance industry, and understands the design, manufacturing and quality requirements of the industry.

Based on client needs, we can provide anything from a touch display subassembly to firmware tuning to software design support and design recommendations for how best to integrate touch panels into the product.

- Touch modules with integrated TFT-LCD displays
- Wide range of customization options
- Firmware and software tuning and design support
- Typical screen sizes from 4" – 10"

Industries Served – Home Appliance (Kitchen)



Automatic Coffee Maker



Blender / Food Processor



Multi-function Cooker



Tabletop Steam Oven

Industries Served – Home Appliance (Major)



Refrigerator



Installed Steam Oven



Oven



Washing Machine

Industries Served – Retail / POS



Touch screens are widely used in retail, kiosks and point of sale (POS) applications. They've grown dramatically in recent years because they enable more streamlined processes, increased automation and self-service capabilities. Key performance include are durability (public, high traffic areas), bright light and sunlight readability, quick response and accuracy.

Dignity works with some of the largest Retail and POS solution providers in Asia and North America to provide reliable, long-lasting and high-performing touch screens for POS terminals, public kiosks and interactive displays.

- Bezel-free design for modern POS design
- Wide range of standard sizes and product features
- Screen enhancements to improve readability and product ruggedization, even in demanding environments
- Typical size ranges from 3" – 5.5" for mPOS, 10" – 20" for POS fixed terminals, and 10" – 30" for kiosks.

Industries Served – Retail, Gaming & POS Applications



POS System Display



Interactive Kiosk



Gaming Industry



Self Checkout

Industries Served – POI & Communication Touch Solutions



Digital signage and communication is a broad category and has a correspondingly broad range of requirements depending on the final application. Digital signage is generally focused on sunlight readability and vandal resistant aspects, while communication is more focused on latency, optical qualities, reliability and overall performance.

Dignity has the capability to deliver a unique in-store experience while optimizing touch panel and display performance for those needs. For communication solutions, Dignity has a specialized production line for large format touch screens, ensuring high quality and precise process control for even the largest displays.

- Sizes up to 85"
- Dead front and mirror finishes available for retail solutions
- Low power IC and display solutions

Industries Served – Education & Communication



Digital Whiteboard



Interactive Conferencing



Digital Signage



Touch Tables

Industries Served – Industrial Touch Solutions



Touch screens that are used for industrial purposes place a high premium on reliability, durability and the ability to function in a variety of adverse conditions. Tuning and enhancements to allow for the use of gloves, increased strength and EMI resistance are very common due to high demands from the operating environment. Cover Lens thickness is often high to improve ruggedness and shock resistance.

Dignity provides a range of PCAP and resistive touch solutions to meet the needs of industrial computing manufacturers and system integrators. We conduct extensive testing to ensure touch performance in adverse conditions and panel ruggedization to the highest standards.

- Range of panel ruggedization options, cover lens thickness up to 6mm, use of chemically or heat tempered glass, shatter resistant films, etc.
- EMI shielding through the addition of filters or IC tuning
- Supports gloved touch
- Typical screen sizes from 10" – 20"

Industrial – Sample Applications



Panel PC



Embedded Touch Screen



Heavy Industrial Equipment



Food Processing Equipment



Thanks for Listening

Please let us know any questions or comments
you have.