



VARTECH
Systems Inc.



Optical Imaging Touch Screen Technology (VOI) - A Revolution for Touch Screen Displays

Available in Sizes: 26", 32", 37", 42", 47", and 52"

Available Configurations: Wall Mount, Chassis, and Tabletop

Our beautiful large screen displays coupled with optical touch screen technology will turn any kiosk or sales meeting into a dazzling interactive presentation.

VarTech's optical imaging technology is both streamlined and simple. VOI uses scanning optical cameras to sense a 2-dimensional 'field' which, when interrupted by a touch, uses sophisticated algorithms to return a point coordinate.

Optical imaging technology revolutionizes the way we interface with computer technology. Since VOI uses no surface coating it doesn't degrade the image quality in any way. This also means surface scratches and contamination will not affect the touch screen performance. VOI provides touch sensitivity to the entire screen, corners included, and accuracy is guaranteed. VOI requires only one calibration because there is no drift with optical imaging technology.

Plug-and-Play

VarTech's new touch solutions do not require special software drivers; they incorporate HID compliant USB plug-and-play interfaces.

High Clarity of Image

This technology uses optical components. No surface coatings are used on the screens - hence images are kept crystal clear.

Light Touch

Any method can be used to touch the screen: a finger, a gloved hand or any pointer. Only a light touch is required.

Whole Screen Coverage

Optical imaging technology provides touch sensitivity over the whole screen, including the corners. With over 400,000 touch points, accuracy is guaranteed.

Once-only Calibration

Optical imaging touch screens are calibrated just once at commissioning time. The technology provides continuous operation with no drift and no recalibrating.

Robust

Because optical imaging technology solutions don't employ surface coatings, the customer-facing screen is not affected by scratches or contamination. Also, the products can be easily sealed for resistance to dirt, dust and moisture, making them ideal for demanding public environments. VOI's touch screen system is modular so that component parts can be replaced in the event of failure or damage.

Additional Functionality

Provides two-touch capability, middle mouse-key scrolling and object size recognition. Diagnostic utilities are also available.



**Revolutionary Touch Screens
for Large Screen LCD Displays**

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