



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

# Optical Imaging Touch Screens



VarTech's Optical Imaging touch screen technology, 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. VOI uses no surface coating so 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.

## Available in 19", 42", and 47" Screen Sizes



### 19" Desktop WXGA LCD

- Optical Imaging Touch Screen
- One Time Touch Screen Calibration
- WXGA resolution
- 16:9 or 4:3 aspect ratios
- D-Sub / DVI input
- Wide Viewing Angles
- VESA Mounted to a Desktop Stand



### 42" and 47" 1080p True High-Definition LCDs

- Optical Imaging Touch Screen
- Wall Mount, VESA Mount, Chassis Mount, and Tabletop
- High brightness (550 nits)
- High contrast ratio (42" has 800:1, 47" has 1000:1)
- 16:9 Aspect Ratio
- Fast response time (8msec)
- High Definition (1920 x 1080 pixels) resolution, 1080p
- Optimized response time for 50/60 Hz frame rate
- Ultra wide viewing angle: 176(H)/176(V) (CR>20) Super MVA technology

