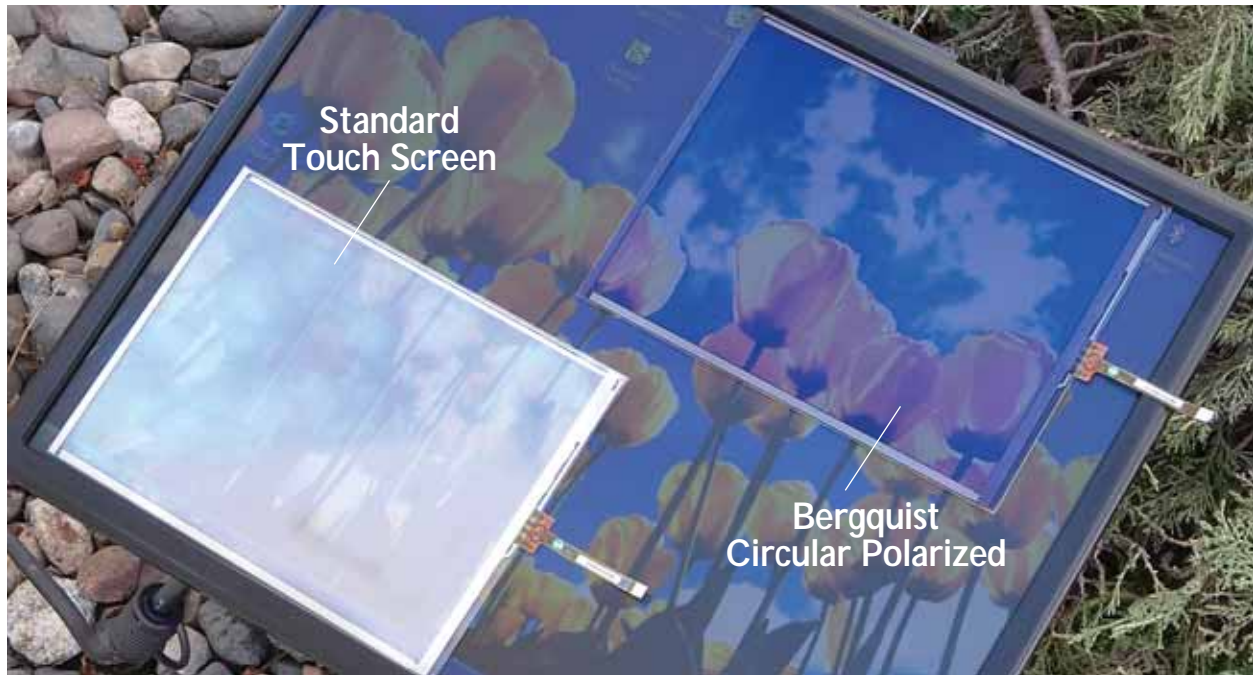


## Reflection-Blocking For Improved Outdoor Readability.



### Benefits

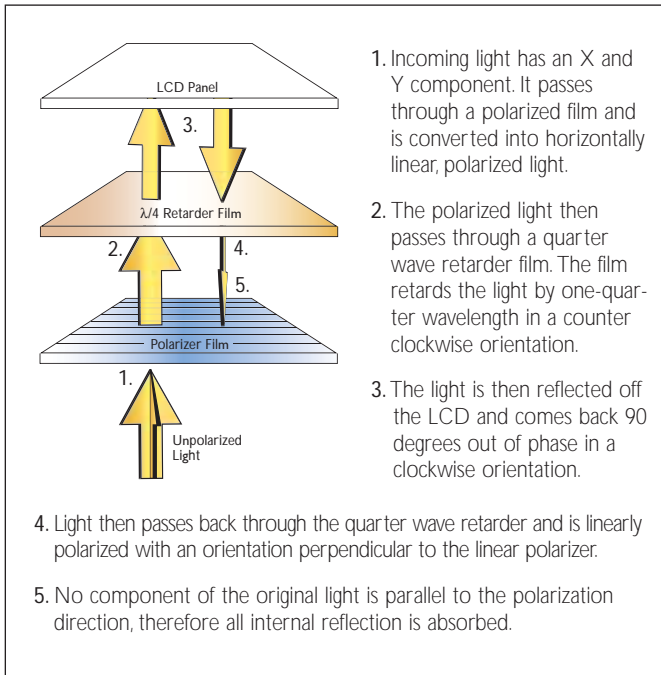
- Eliminates sunlight reflection off LCD
- Rated at over 2 million activations in the same location
- Highly resistant to scratches and abrasions with a 3H hard coat
- Available in dimensions to meet your design specifications with 4 and 5-Wires ranging from 3.5" to 15"
- Top film available in anti-glare or clear

Bergquist circular polarized resistive touch screens are ideally suited for use in direct sunlight and highly illuminated environments. By blocking reflection, these screens eliminate the pixel washout often associated with outdoor use.

Bergquist's revolutionary construction and unprecedented 3H hard coat allow for excellent light transmission and durability, while retaining an activation force below 80 grams. Moving the quarter wave film to the back of the screen reduces number of layers flexed during activation, decreases activation force and improves durability.

Combining Bergquist circular polarizer with rugged 4 and 5-Wire resistive platforms, produces the ultimate outdoor touch screen. As with all Bergquist touch offerings, circular polarized screens are fully customizable to meet your specific application requirements.

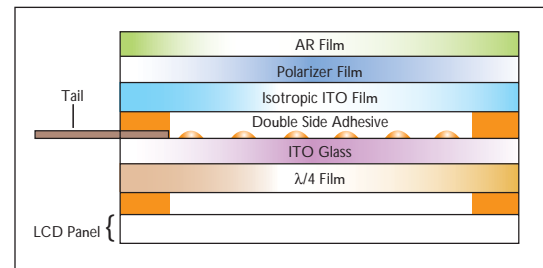
### Light Polarization Process



### Applications

- High luminance and direct sunlight environments
- Handheld devices
- Mobile phones
- GPS devices
- Note: Not for use with transfective LCD's

### Circular Polarizer Stack Up



### Circular Polarizer Touch Specifications

	Operating Range
Operation Temperature	-10°C to +50°C
Storage Temperature	-20°C to +60°C
Activation Force	20~80 Grams
Light Transmission	>75%
Reflection Rate	<1.5%