

Projected Capacitive, High Light Transmission, Extreme Resolution.



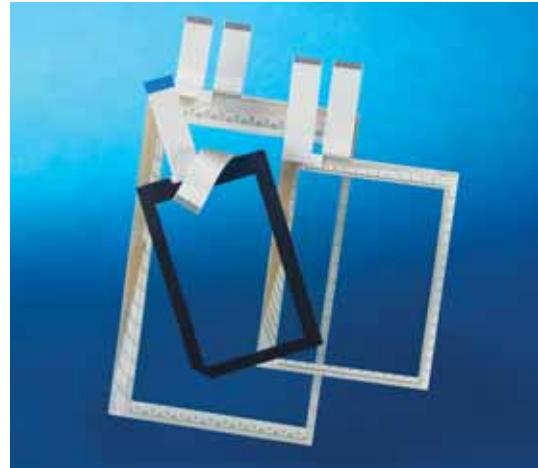
Benefits

- Excellent light transmission of 94% at 350-700 nm
- Gloved hand activation
- Low reflectance (less than 10%)
- Proprietary glass construction
- Excellent resolution, ideally suited for signature capture applications
- Chemically strengthened glass available for added durability
- Meets PCI 2.0 standard

Bergquist Projected Capacitive touch technology, with its all glass construction, is ideally suited for the POS signature capture and automotive applications.

Bergquist Projected Capacitive Touch Screens offer excellent optical performance, while maintaining superior resolution. These screens can be activated with a finger, stylus or gloved hand. Bergquist offers a line of standard products or can create custom designs to meet your specific application needs and IC interface capabilities.

Projected Capacitive Touch Specifications	
Linearity	99%
Resolution	2048 x 1536
Life Cycle	200 million touches
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +95°C
Constant Temperature / Humidity	-70°C / 90% RH, 500 hrs, normalized for 4 hours
High Temperature	+70°C / 500 hrs, normalized for 4 hours
Low Temperature	-40°C / 500 hrs, normalized for 4 hours
Thermal Cycle	-40°C ~ +70°C (60 min/cycle) *10 cycles normalized for 4 hours
Connection Tail	FFC
Surface Hardness	7 Mohs
Activation Force	None required
Structure	Glass / Glass
Transparency	>94%
Haze	2.8%*



Applications

- POS signature capture applications
- Rugged handheld devices
- Automotive, GPS
- Military
- Pin entry applications, meets PCI 2.0 Standard