

Touch Screens Other

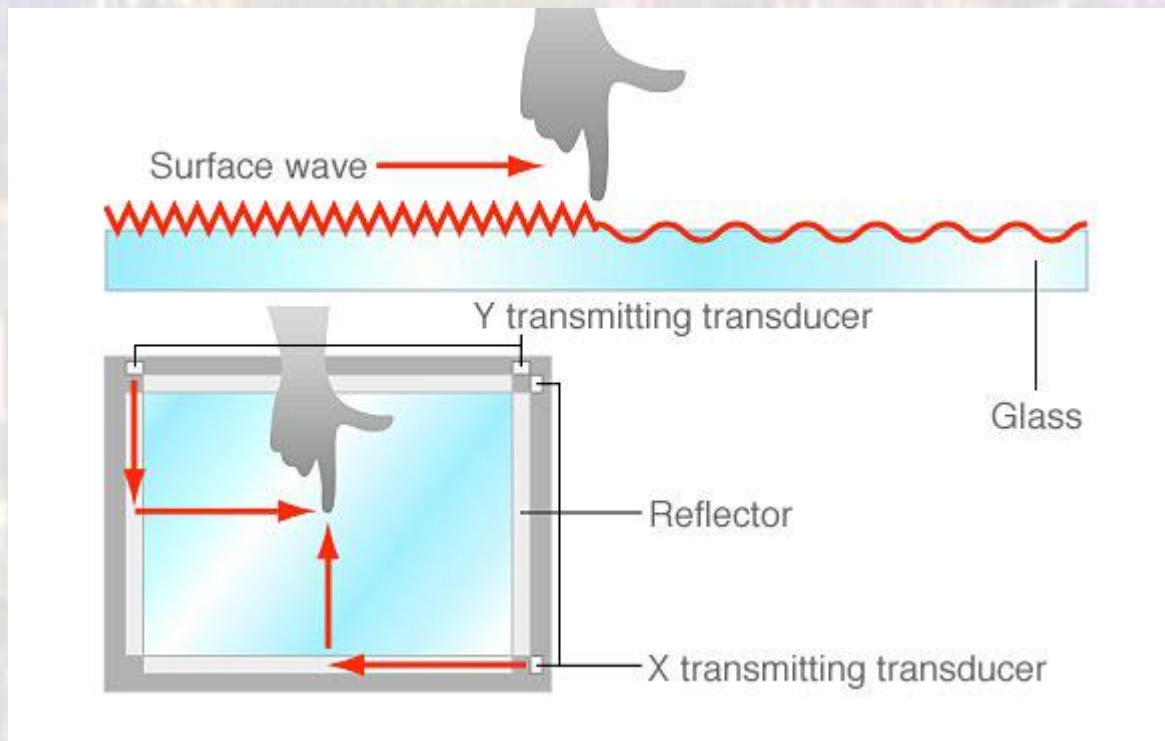
Last updated 2/29/24

Other Touch Screens

- Technologies
 - Resistive
 - Capacitive
 - Optical
 - Surface wave

Other Touch Screens

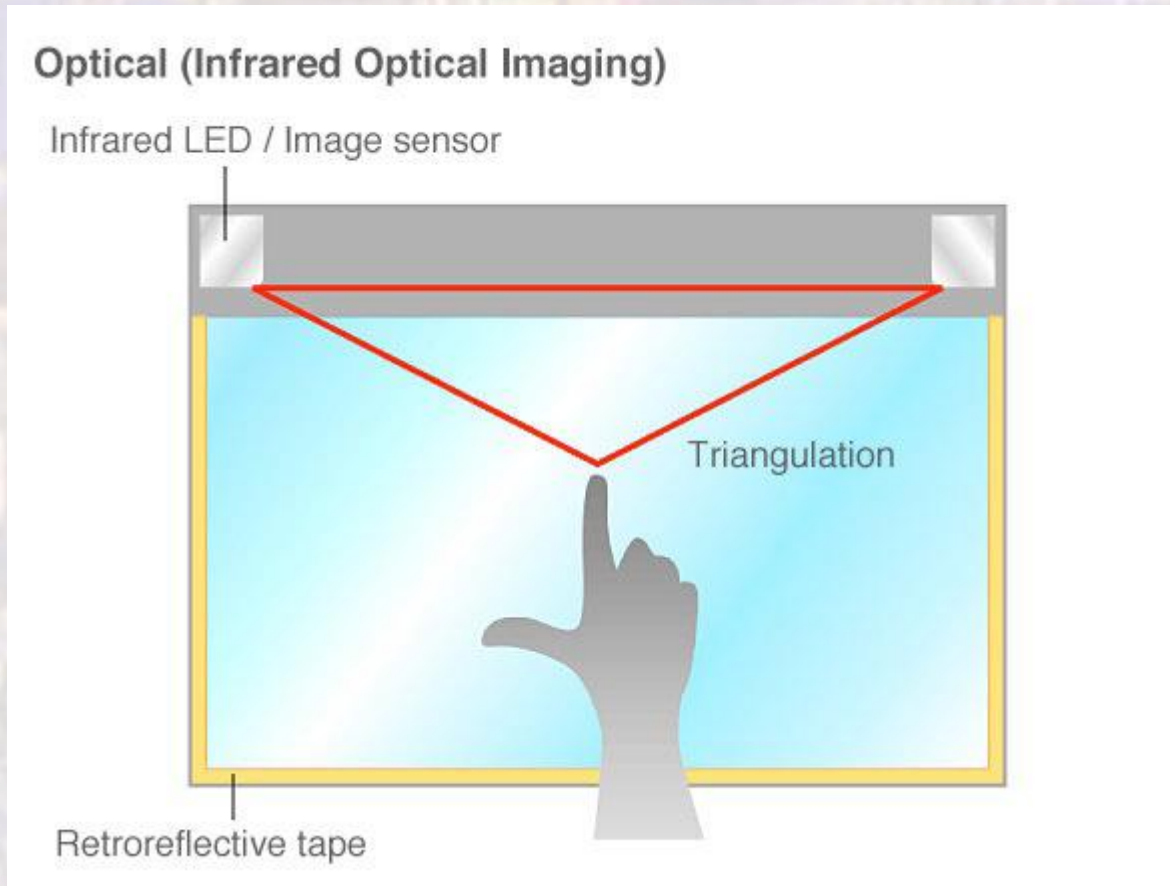
- Surface Acoustic Wave



Src: Touch Screen Basics

Other Touch Screens

- Infrared



Src: Touch Screen Basics

Other Touch Screens

- Sensor Comparison

Method	Linearity	Accuracy	Size Scalability	Optical Clarity	Damage Resistant	Multitouch
Infrared	★★★★★	★★★	★★★★★	★★★★★	★★★	Yes (expensive)
Surface Acoustic Wave (SAW)	★★★★	★★★★	★★	★★★	★★★★★	No
Surface Capacitance	★★	★★	★★	★★★★★	★★★★★	No
Resistive	★★★★	★★★★	★★★★	★★	★	Yes (expensive)
Projected Capacitance	★★★★★	★★★★	★★★	★★★★★	★★★★★	Yes

Src: Cypress