



CRYSTAL TOUCH: MULTI-TOUCH

PROJECTED CAPACITIVE TOUCH PANEL

With Ocular's Crystal Touch, system designers are able to combine the vibrant optical quality of a TFT display, the robust functionality of a true multi-touch panel and the extreme durability of projected capacitive technology required by demanding embedded applications. Crystal Touch is made of all glass, resulting in a very durable touch panel that is less susceptible to scratching, chemicals in the environment and other contaminants. The glass construction of Crystal Touch ensures a crystal clear image.

BENEFITS

True Multi-Touch Functionality

- 10 Simultaneous Touch Points

Automatic Gesture Recognition

- Single & 2-finger gesture recognition

Ultra-Rugged Panel Touch Panel

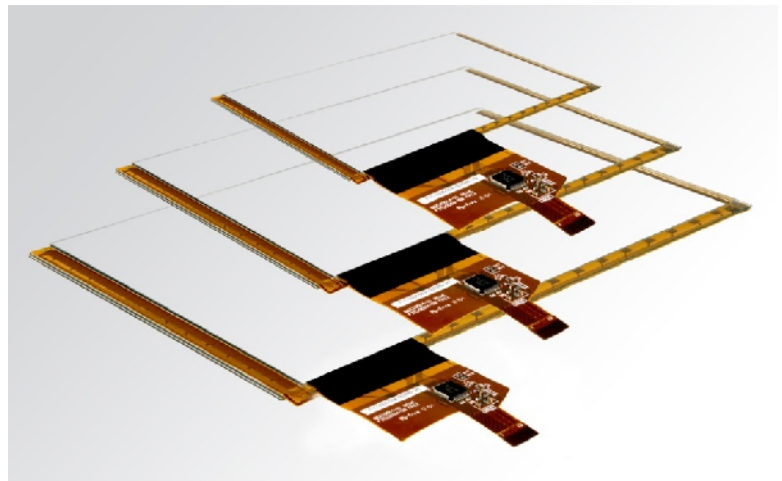
- Stands up to abrasive cleaners
- Scratch Resistant

All glass construction

- Maximal optical clarity
- No deformations over time
- No deformations due to temperature

Projected Capacitive Coupling

- Works with hands or stylus
- High resolution
- Fast sampling rate
- Auto calibration



Ocular's Crystal Touch: Multi-Touch Projected Capacitive Touch Panels									
Model Number	Diagonal Size	Outline (mm)	Thickness (mm)	Voltage (V)	Operating Temperature	Resolution	Interface	Transmissivity	Simultaneous Touches
FTCA1004-50	4.3"	106 x 67	1.6	3.3	-20° to 70° C	1024x1024	I ² C or USB	90%	10
FTCA1007-50	7.0"	163 x 104	1.6	3.3	-20° to 70° C	1024x1024	I ² C or USB	90%	10
FTCA1010-50	10.1"	235 x 146	1.6	3.3	-20° to 70° C	1024x1024	I ² C or USB	90%	10