



Solutions for Avionics, Industrial, Medical and Military

Mildex Optical offers the broadest range of customized solutions to meet your product specification. Our design team is committed to be the perfect match supplier no matter what your application requirements consist of. Mildex's superior customization abilities are highly secure and innovative to meet the industries performance requirements.

Custom Solutions

Projective Capacitive
Resistive / Touch Window
Resistive Multi-Touch (AMR)
Optical Bonding
Integration + Services

When a Standard Just Isn't Good Enough



Your Touch Screen & Optical Bonding Solution Provider



Projective Capacitive

- Sizes: 4.3" - 75"
- Gesturing Points: 2, 4 & 10 Points
- COF (Controller on Flex) or Passive FPC
- Decorative Printing (Colors, Logos and Function Keys)
- Interface: I²C | USB | RS232
- Custom Decorative Glass, Size, Shaping, Logos & Light Pipes
- EMI Shielding : Rated at 0.25 Ohms squared



Resistive Touch Screens / Touch Windows

- Sizes: 5" - 21.5"
- Interface: 4, 5, or 8 Wire
- ITO-Substrate Glass Thickness: 0.7 / 1.1 / 1.8 / 2.8mm
- Custom Activation Force
- Surface Treatments, Clear/AG/AR



Enhanced Resistive

- Integrated EMI Shielding
- Full Sunlight Readable
- Scratch Proof (G/F/G)

Touch Windows

- Bezel-Less / True Flat Design
- Decorative Printing, Colors, Logo
- Custom Shaping

Resistive Multi-Touch

- Sizes: 7" - 21.5"
- ITO-Substrate Glass Thickness: 0.7mm, 1.1mm, 1.8mm & 2.8mm
- Integrated EMI Shielding Rated at 0.25 Ohms squared or 5 Ohms squared
- Full Sunlight Readable / Ultra Low Reflection
- Interface: I²C / USB
- Scratch-Proof (Glass / Film / Glass) / Surface Hardness 7H
- Bezel-Less / True-Flat Design Options



Optical Bonding

- Sizes: 4.3" - 55"
- Optical Bonding / Tape Bonding
- LCD Sourcing
- Added Value Integration / Engineering Services
- Fully Customized Solution
- Choice of LCD, Cover Glass, Touch Screen
- Optical Enhancements
- Custom Testing

