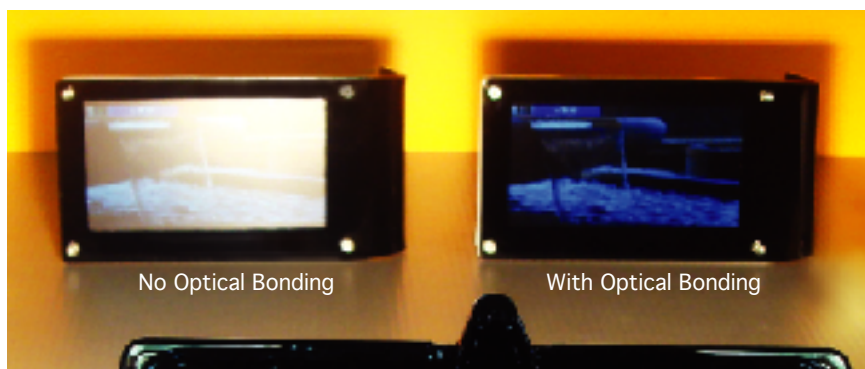


CiVUE Optical Bonding Technology For Outdoor Display & Anti-Vandal Touch Screen

With its proprietary materials and unique re-workable process, CiVUE™ provides the most advanced and cost-effective Optical Bonding solutions that enable sunlight readability without modifying backlight, and provide extra vandal resistance for outdoor viewing flat panel displays and portable devices.

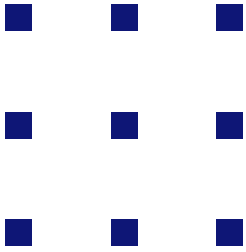
CiVUE Optical Bonding Technology affixes a cover lens, such as anti-reflective glass, plastic, or touch sensor directly onto a flat panel display and eliminates the air gap between, in order to reduce the reflectance to as low as 0.2%*, and dramatically increase contrast ratio in a high ambient light environment.

This technology also allows ID designers and mechanical engineers to design a larger cover lens or leave out front bezel for less total thickness, rather than the traditional bezel design. This is because not only can the bonding layer provide better impact absorption, but also better support to the cover lens.



Features & Benefits

- + Sunlight Readability without Modifying Backlight
- + Reducing Reflection
- + Increasing Contrast Ratio
- + No Parallax
- + Allowing “Over Frame” Bezel Design
- + Extra Durability
- + Better Impact Absorption
- + Better Cover Lens Support
- + Preventing Condensation
- + No “Green House” Effect
- + Wide Temperature Range
- + Re-workable Process



CiVUE Solutions

LucidBond™

Affix cover lens to display for upmost optical performance and vandal resistance

→ Sunlight Readable Display

→ Anti-Vandal Display

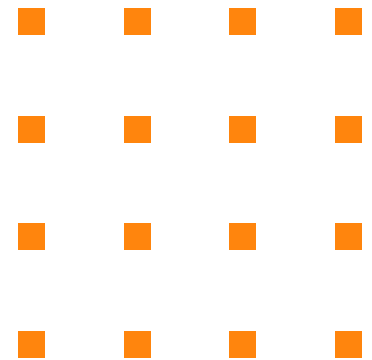
ArmorBond™

Affix cover lens to tempered glass for vandal resistance

→ Anti-Vandal Touch Screen

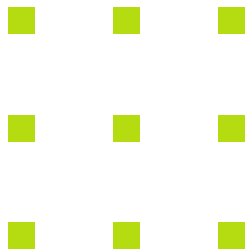
→ Optical Graded Safety Glass

→ Filtered Cover Lens



Applications

- + Tablet PC/UMPC
- + Convertible Notebook
- + Industrial Computer
- + GPS
- + Avionics
- + Kiosk
- + ATM
- + Digital Signage
- + Medical Device
- + Gaming System



Options

Top Lens

- + Glass/Tempered Glass
- + Touch Screen
- + Plastic

Bottom Layer

- + Flat Panel Display
- + Glass/Tempered Glass

Multiple Layers

- + Per customer's requirements

*The actual reflection rate and contrast ratio may vary depending on the optical properties of each layer.

**CiVUE, LucidBond and ArmorBond are trademarks of CiVUE Optotech Inc.

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