

WITH LUCIDBOND™ BONDING

WITHOUT BONDING

# OPTICAL BONDING CAPABILITIES

FROM CRYSTAL DISPLAY SYSTEMS WITH  
CIVUE OPTOTECH INC.

With its proprietary materials and unique re-workable process, CiVUE™ provides the most advanced and cost-effective optical bonding solutions (LucidBond™ & ArmorBond™) that enable sunlight readability and UV protection, and provide extra vandal resistance for outdoor displays and portable devices.



## THE TECHNOLOGY

CiVUE Optical Bonding Technology securely attaches a cover lens, such as anti-reflective glass or a touch panel, directly onto a display, eliminating the air gap between them.

This process reduces reflectance to as low as 0.2%\*, significantly boosting the contrast ratio in high ambient light conditions.

Furthermore, Optical Bonding enhances impact absorption and provides UV protection to the display, ensuring a longer product lifespan even in the harshest environments on Earth.

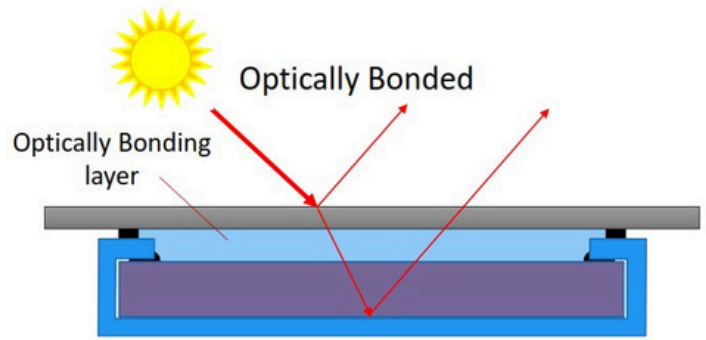
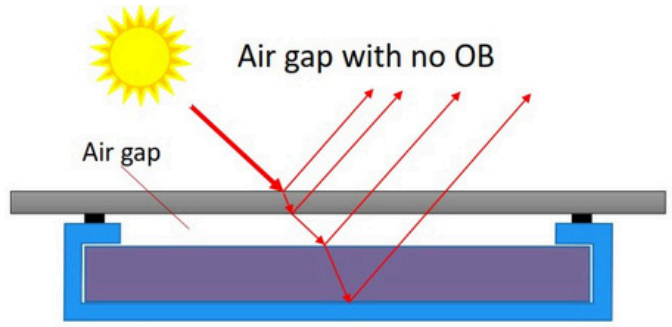
\*Note: Actual reflection rate and contrast ratio may vary depending on the optical properties of each layer.



# CRYSTAL DISPLAY SYSTEMS

## FEATURES & BENEFITS

- Bonding sizes up to 75"
- Fully re-workable
- UV protection (anti-UV, UV cut)
- UV resistance (3,000 hrs +)
- Extended temp range (-50 ~105 °C)
- Waterproof
- Increases ambient contrast ratio and viewing angle for superior sunlight readability
- No water condensation and contamination
- Improves clarity
- Better impact protection, increasing ruggedness of the display
- Eliminates "wash-out" effect
- No "Green House" effect
- Reduces parallax error



Bonding Size up to 75"



Better Impact Protection



Waterproof



Extended Temp Range



UV Resistance



UV Protection



Increases Viewing Angle



Sunlight Readable

## APPLICATIONS

- Military
- Marine
- Oil and gas
- Avionics
- Medical
- Kiosk
- Automotive / vehicle
- Automotive / vehicle
- Payment terminal
- Navigation / GPS
- Transportation
- Digital signage
- Industrial HMI
- Gaming

## COVER GLASS OPTIONS

- Anti Reflective
- Anti Glare
- Anti Fingerprint
- Anti Viral & Anti-Bacteria
- IR Filter
- EMI Filter
- Touch



Crystal Display Systems Ltd  
Unit 6 M2M Park, Fort Bridgewood  
Maidstone Road, Rochester,  
Kent. ME1 3DQ, United Kingdom

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