

Introduction

AGDisplays implements state of the art NVIS compliant LCD backlight solutions for full filter and dual mode filtered applications.

Whether the need to be compliant to MIL-STD-3009 or merely compatible with NVG equipment, AGDisplays offers solutions tailored to accommodate your requirements and existing LCD unit.

NVIS improves situational awareness at night; it dramatically reduces the possibility of collision for those in moving vehicles. AGDisplays offers a full front NVIS passive installation or a robust dual mode high bright solution for enhanced day and night use.



About NVIS

Why NVIS?

- Flexible design options depending on design and application suitability
- All optical components are MIL-STD-3009 compliance
- Dual Mode Backlighting option for excellent readability in high ambient lighting; a secondary night mode in which the unit's illumination is NVIS compliant and NVG compatible.
- Class A or B filters
- NVIS filtering design allows for a passive installation with range of thicknesses available; safe removal

Customer Benefits

Dual Mode:

- Switch from normal to NVIS mode and operate independently as needed
- Integrates Gen 4 high bright LEDs for maximized readability and clarity
- Glass protection from abrasion and spills
- Various optical coatings available, such as AG/AR
- Optically bonded

NVIS filtering design provides:

- An impressive level of absorption in the near-infrared and stability under solar and temperature exposure, with minimal impact to the visible spectrum.
- Range of thicknesses available

When To Use This Service

- Need to significantly increase safety and situational awareness in the dark
- Solution that is MIL-STD-3009 compliant
- Unit protection
- Need for robust or for passive installation

Prepare Details

- LCD part number defined
- Acceptable size range for your specific LCD,
- LCD resolution preferred?
- Solution and filter requirement
- Environmental requirements
- MIL-STD-3009 compliant or compatible

Industries

- Avionics
- Military Defense
- Public Security
- Simulation
- Law Enforcement