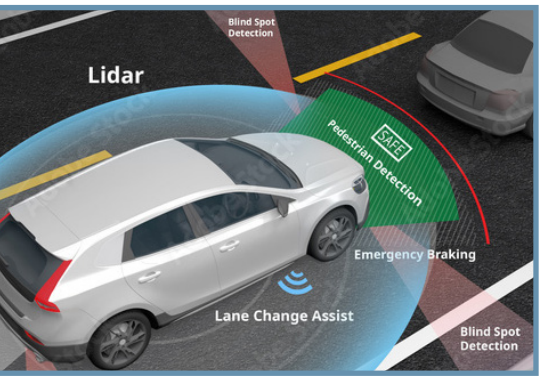
Optical filters for LiDAR

Light Detecting And Ranging applications

Andover Corporation

LiDAR (Light Detection And Ranging) is a remote sensing technology that uses laser light to measure distances by calculating the time it takes for a laser pulse to travel to an object and back. This technology is essential in creating detailed 3D maps and enabling precise measurements across various industries.



Common LiDAR applications include:

- **Autonomous vehicles and safety systems**
- **Topographical mapping**
- **Airborne targeting and navigation**
- **Precision manufacturing**

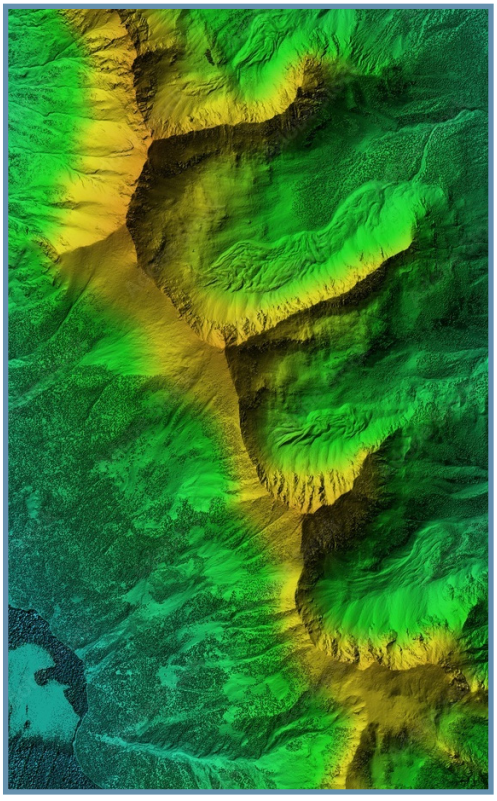
At Andover Corporation, we provide optical filters, antireflective (AR) coatings, polarizers, beamsplitters, and other optical components engineered to enhance LiDAR system performance, improve system signal-to-noise ratios, and reduce overall system footprints.

Our optical solutions are designed for high accuracy, reliability, and durability in the most demanding environments.

Our filters offer custom wavelength options, including common LiDAR wavelengths like **905nm** and **1550nm**, paired with AR coatings to minimize reflection loss.

We also offer polarizers and beamsplitters to optimize signal control and manage complex light paths, critical for maximizing the efficiency and range of your LiDAR systems.

Whether you need off-the-shelf solutions or custom designs, Andover Corporation delivers high-quality, vertically integrated products with fast turnaround times—ideal for time-sensitive projects across industries.



A digital topographical map, created using LiDAR sensors

Shaping the Spectrum with Passion and Precision

nqa AS9100 AEROSPACE & DEFENSE

nqa ISO 9001 QUALITY MANAGEMENT

International Traffic in Arms Regulations Compliant ITAR

www.andovercorp.com
4 Commercial Drive • Salem, NH 03079 • 603 893 6888