

Electro-Optics

Supports ongoing work with infrared electro-optical systems. This includes testing and evaluating laser based remote sensing equipment, developing and testing an electro-optical tracking system; performing infrared radiometric measurements; and evaluating visible and infrared imaging sensors. Special capabilities/equipment include:

- Optical bench
- Infrared collimator with precision thermometer
- Visible and infrared cameras
- Imaging radiometer
- Image processing workstation
- Precision 2-axis positioning/tracking system
- Remote laser wind measurement systems



Approximate 0.5-mile clear line of sight enables outdoor testing to be set up directly from laboratory.

Shipboard aircraft light detection and ranging turbulence sensor



Infrared centerline camera embedded in carrier deck



IR collimator for measuring infrared camera and resolution