

# UV Imagers

## Ultraviolet Imagers—Intensified CCD (ICCD) & Imaging Photon Detector (IPD)

### Overview

The ultraviolet (UV) imagers are extremely sensitive, multi-channel plate (MCP) intensified cameras coupled with a set of specialized UV lenses and solar blind optical filters. Each camera and its associated optics are interfaced to a workstation computer running a sophisticated image capture and processing software suite. The integrated systems can be used for a wide variety of imaging applications. The current imagers have been customized to provide reference measurements of UV sources designed to emulate the ultraviolet radiation intensity variations and spectral characteristics generated by missile exhaust plumes.

