



FEATURES

- **Two Types of Boresight Alignment Modules**
 - 1) Designed for use with one of SBIR's standard STC Series Collimator Systems.
 - 2) Designed for use on an open benchtop configuration.
- **Accurate Retro-Reflector**

A 1 arc second retro-reflector is provided to perform accurate calibration of the boresight module.
- **IRWindows™ Automates Sensor to Laser Alignment**

By using the provided IRWindows™ test software, the alignment testing between sensor and laser is performed automatically. Alignment of the laser to multiple sensors can also be measured.
- **SWIR Camera Provided**

The SWIR camera that comes with the Boresight Alignment Module images from 850nm up to 2000nm.

OVERVIEW

The Boresight Alignment Module (BAM) from Santa Barbara Infrared is used to align a laser transmitter to an imaging sensor. This measurement provides the user an alignment error between the imaging sensor and its' associated laser rangefinder. In addition, the boresight alignment module can be used to align a target projector system fixture with reference mirror to the line of sight of a collimator for UUT boresight measurements. The system includes the Boresight Alignment Module, IRWindows™, SWIR camera, the controller and all necessary cabling to make a complete turnkey test system.

Solutions

for Every EO Test Requirement

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