IRLabs

A SUBSIDIARY OF INFRARED LABORATORIES, INC.

IRLabs E-News

Boost IREM Resolution, Repeatability and Speed.

Get immediate benefits for your FA lab with IRLabs' new Lens Slide Assembly, Auxiliary Electronics, and AIRIS software upgrades.

For more information:
sales@irlabs.com
+1 (520) 622-7074

Feedback-Controlled Lens Slide Assembly

Four times faster and an order of magnitude better resolution.
Get fast, repeatable performance without loss of region of interest (ROI) by upgrading your 2- or 3-position lens slide to a new high-speed, high-resolution, closed loop lens slide.

- Now 100nm resolution.
- "Pan from static" - fast and accurate panning from static guide image.
- Kinematically mounted sectors preserve offset value (parcentricity) accuracy for fast lens and sector swaps.
- Return to same ROI following lens swap for most consistent imaging and best reporting.
- High-speed lens slide travel.
- Ready for future SIL lens sector upgrade.

Don't yet have an IRLabs IREM?

We'll be happy to demo a system for you.

Join Our Mailing List!

Auxiliary Electronics

Save time and improve quality for day-to-day repeatability with this power supply and motion controller for the Lens Slide:
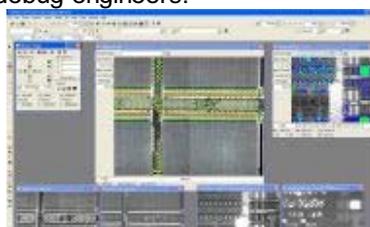
- High-speed, high-repeatability motion control for improved parcentricity.
- Constant current sources for the illuminators to maintain image consistency for day-to-day repeatability and temporally stable illumination.
- Full software control for selection of illuminators.

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AIRIS Software Upgrade

Optimize the functionality of your IREM system with software designed from our 14 years of IREM expertise and customer input:

- GUI interface designed for FA/debug engineers.
- Hot keys for faster operations.
- Advanced imaging features for more speed and accuracy of device imaging.
- Advanced Mosaic features to

enhance efficiency of large die imaging.

- CADNav features for easier overlay configuration.
- More automated features to save time and increase accuracy.
- Stage and lens slide control features to improve speed and crash safety.

Contact us today for more information or to request a quote:

sales@irlabs.com or +1 (520) 622-7074

Forward email