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# LightPath Announcement:

## LightPath Technologies New Product Announcement f/1.3, 14.9 mm Focal Length Thermal Imaging Lens

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***LightPath Technologies introduces an Athermalized f/1.3, 14.9 mm focal length IR lens Assembly for thermal imaging using 8  $\mu\text{m}$  – 12  $\mu\text{m}$  infrared signatures.***

(April 6, 2010) Orlando, FL. LightPath Technologies, Inc. (Nasdaq: [LPTH](#) - [News](#)),

LightPath Technologies is pleased to introduce an f/1.3, 14.9 mm focal length Long Wave Infrared (LWIR) lens assembly designed for uncooled infrared sensors. These lenses are designed as the primary optics for thermal imagers in a wide variety of applications including homeland security, firefighting, predictive maintenance and driver's vision enhancement systems in automobiles. These thermal imaging markets have a combined current estimated value of over \$2.5 billion.

This new lens assembly integrates LightPath's Black Diamond™ molded chalcogenide infrared lenses that are a lower cost substitute for high volume diamond-turned Germanium and Zinc Selenide optics. The opto-mechanical design combined with the unique material properties of Black Diamond glasses provide athermalization for temperature stability from -40°C to 85°C without adding additional cost. This specific design gives a 60 degree field-of-view and when paired with a 15 mm sensor with a 25 micron pixel pitch.

"LightPath Technologies is continuing to diversify its product line for Infrared Optical Assemblies with the introduction of this lens. This new product will address the rapidly expanding thermal imaging and night vision enhancement markets." said Jim Gaynor, CEO and President of LightPath.

LightPath Technologies Inc. will be exhibiting their new Infrared Lens Assembly at the Defense, Security and Sensing conference in Orlando Florida from April 6<sup>th</sup> through April 8<sup>th</sup>. LightPath's Booth is 530.

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