
LightPath Technologies New Product Announcement

f/1.0, 10.6 mm Focal Length Thermal Imaging Lens

LightPath Technologies introduces an Athermalized f/1.0, 10.63 mm focal length IR lens Assembly for thermal imaging using 8 μm – 12 μm infrared signatures.

(January 19th, 2009) Orlando, FL. LightPath Technologies, Inc. (Nasdaq: [LPTH](#) - [News](#)),

LightPath Technologies is pleased to introduce an f/1.0, 10.6 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 unique material properties of Black Diamond glasses provide natural athermalization for temperature stability from 25°C to 75 °C without adding additional cost. This specific design gives a 52 degree field-of-view and when paired with a 10 mm sensor with a 25 micron pixel pitch.

"LightPath Technologies is expanding its product line for Molded Infrared Optics with the introduction of this lens assembly. This new product will continue to 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 Photonics West Conference at the Moscone Center in San Francisco, California from January 26th through January 28th. LightPath's Booth is 2128 in the South Hall.

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