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X-Ray Camera Solutions



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Tuesday, May 20, 2014

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Infrared technology could help the military to remotely and safely identify sites where nuclear weapons are being made.

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Clarity in Thermal Video

While Automatic Gain Control (AGC) serves as an extremely valuable function for rendering a viewable image, it is not the optimal solution in every scenario. Many of today's applications demand greater image detail of the entire scene. With knowledge of these inherent gaps in AGC and fueled by market demand for greater image detail, DRS Technologies continued to refine its imaging technology. Today, DRS' proprietary Image Contrast Enhancement (ICE™) provides a more comprehensive and robust imaging solution for a variety of applications.

ICE™ works to deliver greater image detail by seamlessly integrating three separate processes: (1) Edge Enhancement, (2) Dynamic Contrast Thresholding and (3) Adaptive Rescaling. Download the white paper, Image Contrast Enhancement (ICE™): The Defining Feature, to learn more.

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Mid-IR Lens Incorporates Waste Sulfur

Thin, inexpensive plastic lenses for IR imaging devices can be manufactured from waste sulfur generated by refining fossil fuels.

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Graphene Light Detector Spans IR Spectrum

A new light detector is the first to sense the full IR spectrum, carrying potential advancements in heat-vision technology.

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Fiber Sensor Detects Trace Amounts of Explosives

A small optical fiber sensor detects explosives in concentrations as low as 6.3 ppm, which could mean big things in the fight against terrorism.

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