

Camera Offers Affordable Multi-Spectral Imaging

A camera capable of simultaneously measuring visible and near-infrared light spectrums has been designed for multi-spectral imaging. By combining these two features into one camera, both the cost and the difficulty in completing vision applications has been addressed. The technology enables high-precision bonding of image sensors onto the customized prism optics. To bring inspection capability to previously inaccessible places on the processing line, camera features a 1/3" prism that allows for a small camera housing of 55 × 55 × 80 mm. Separate exposure times for each channel allow mutual adjustment without changes in gain, maintaining a consistent signal-to-noise ratio at all times.

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http://www.mdtmag.com/product-releases/2008/07/camera-offers-affordable-multi-spectral-imaging?qt-recent_content=0