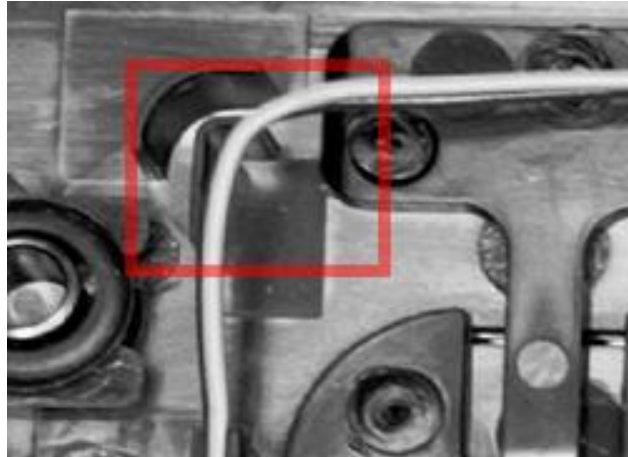




For Immediate Release

Radiant Launches New In-Line Inspection Station at The ASSEMBLY Show

REDMOND, Wash. – October 5, 2017 — Radiant Vision Systems, a leading provider of high-resolution imaging solutions for automated visual analysis of light and color, announces that it will demonstrate new applications of its photometry-based imaging technology for machine vision inspection at [The ASSEMBLY Show](#), taking place October 24-26 at the Donald E. Stephens Convention Center in Rosemont, Illinois, U.S.A.



Radiant Vision Systems is globally-recognized for light and color measurement expertise in display testing, backlit components, light sources, and other self-illuminating devices. With CCD resolutions to 29 megapixels, broad dynamic range to 73.4 decibels, and cooled, interline CCD technology to minimize image noise, Radiant's [ProMetric® Imaging Photometers and Colorimeters](#) capture highly-detailed images of devices that allow these systems to measure and evaluate precise variations in luminance, chromaticity, pixel-level defects, and more. Utilizing the same technical advantages for light measurement, Radiant now applies its imaging solutions to the most challenging machine vision inspection applications, providing an alternative imaging platform for evaluating complex assemblies and detecting subtle component flaws. These systems bridge a long-standing technological gap in manufacturing environments where human inspectors are necessary for their superior perception of defects, but where automation is desired for its efficiency.

From the floor of The Assembly Show, Radiant will unveil the first of its advanced vision product offerings with live demonstrations of a completely new turnkey, high-resolution inspection system for in-line assembly verification. The new inspection station is a fully-integrated machine vision system that utilizes a Radiant Vision Systems [ProMetric® Imaging Photometer](#), bright field lighting, and programmable inspection software to detect subtle, low-contrast defects on complex assemblies. With adjustable height and portability, the system rolls up to production lines to perform real-time quality control with greater accuracy and repeatability than human inspectors or traditional machine vision systems, while occupying the same footprint as an inspector on the line. The system performs a range of inspections, simultaneously or in sequence, with tools for determining presence, position, and routing of cables, fasteners, connectors, screws, and a range of other internal components. Defects such as loose connectors and misrouted cables, which can pass functional test or go unnoticed by human inspectors, may worsen in shipping or with device usage. Applied before ICT or assembly enclosure, this in-line system provides final verification of all internal components to prevent latent failures and returned/recalled products.

Attendees of The ASSEMBLY Show will be the first to see Radiant's new in-line inspection station perform real-

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time inspection, and discuss applications with Radiant's advanced vision solutions experts. Complimentary exhibit hall access is available using Radiant Discount Code **RVSvip**. For information or to register for The ASSEMBLY Show, visit www.theassemblyshow.com. Learn more about Radiant Vision Systems by visiting Booth #400 at the show or online at www.RadiantVisionSystems.com.

About Radiant Vision Systems

Radiant Vision Systems works with world-class brands and manufacturers to deliver creative visual inspection solutions that improve quality, reduce costs, and increase customer satisfaction. Radiant's legacy of technology innovation in photometric imaging and worldwide install base date back more than 25 years and address applications from consumer electronics to automotive manufacturing. Radiant Vision Systems product lines include TrueTest™ automated visual inspection software for display systems, and ProMetric® imaging colorimeters, photometers, and light source measurement systems. Radiant is headquartered in Redmond, Washington, USA, with strategic offices in China and South Korea. Radiant has been a part of Konica Minolta's Sensing Business Unit since August 2015. For more information, visit www.RadiantVisionSystems.com.

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