

For Immediate Release**Radiant Vision Systems Introduces New Solution for High-Resolution Quality Inspection and Accurate Color Measurement of Marked Text and Symbols: Area Color Inspection System (ACIS™)**

REDMOND, Wash. – May 4, 2022 — Radiant Vision Systems, leading provider of automated visual inspection and metrology solutions for light sources, displays, and surfaces, announces the release of its new [Area Color Inspection System \(ACIS™\)](#) for color and quality inspection of characters and symbols.

Many products sold today must display markings such as text, logos, symbols, and numbers for identification, traceability, regulatory compliance, user information, and branding. Typically, these markings are applied to the surface of product components during the manufacturing and assembly process. Components can be made of metal, plastic, glass, ceramic or other materials and marked using laser etching, printing, or similar methods. Product makers must ensure that these markings are legible, correctly formed, and meet color specifications.

“Manufacturers typically use multiple methods to inspect markings,” explains Hubert Kostal, VP of Business Development and the leader of Radiant’s [Advanced Vision](#) business. “Device makers may use machine vision cameras for text inspection and area measurement. Plus, some combination of spectrometers and human inspectors for color measurements. This creates a lot of inefficiency.”

With [ACIS](#), manufacturers can now meet both inspection needs in a single solution. “Radiant’s high-resolution imaging colorimetry is a huge advantage,” states Kostal. “Leveraging the visual acuity and context of imaging colorimetry, ACIS provides inspection of text and symbol formation, size, and positioning, while simultaneously taking quantitative color measurements (e.g., CIE L*a*b*) with accuracy and repeatability.”

Used in a lab or on the production line, ACIS enables electronic product manufacturers to improve quality while increasing efficiency. Users perform fast, automated measurement of text and symbol shape (inclusions and exclusions), dimensions, color, and contrast. ACIS helps manufacturers to ensure characters are legible and correctly formed, verify compliance with requirements for CE and other regulatory markings, ensure brand color and quality standards, perform product text validation, and support part traceability (e.g., confirming serial numbers).



The ACIS solution integrates a [ProMetric® I-series Imaging Colorimeter](#) with a proprietary illumination configuration, mounted in a metal framework. Completing the solution is ACIS software, which combines high-resolution imaging colorimetry measurement with sophisticated image analysis for accurate quality and color measurement.

Radiant will demonstrate [ACIS](#) in booth #1307 at the upcoming Society for Information Display (SID) [Display Week 2022](#). The event takes place live at the San Jose McEnery Convention Center in San Jose, California, from May 8-13 with exhibit dates on May 10-12. Prospective attendees are invited to apply Radiant's guest code **8KstwXvP** for complimentary registration to the exhibit.

More information about [ACIS](#) and other advanced visual inspection solutions from Radiant Vision Systems can be found 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 30 years and address applications from consumer electronics to automotive manufacturing. Radiant Vision Systems product lines include TrueTest™ automated visual inspection software for quality control, and ProMetric® imaging colorimeters, photometers, and light source measurement systems. Radiant is headquartered in Redmond, Washington, USA, with strategic offices in California, Michigan, China, Vietnam, 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.

Press Contact:

Shaina Warner
Marketing Program Manager
Radiant Vision Systems
+1 (425) 844-0152 x587
Shaina.Warner@RadiantVS.com