For Immediate Release

Radiant Vision Systems Honored by Vision Systems Design 2018 Innovators Awards Program

REDMOND, Wash. – April 11, 2018 — On April 10, Radiant Vision Systems—a leading provider of visual test and inspection solutions for lighting and display devices—was presented with a Silver-level award in the "Lighting, Lenses, and Optics" category at the Fourth Annual Vision Systems Design Innovators Awards presentation, held during The Vision Show in Boston, MA. Radiant's AR/VR lens was recognized by a panel of esteemed experts from system integrator and end-user companies.

Released January 24, 2018, the Radiant Vision Systems AR/VR lens is a specially-designed optical component that can be mounted directly to a Radiant ProMetric® imaging photometer or colorimeter for measuring the quality of near-eye displays (NEDs) integrated within virtual (VR), mixed (MR), and augmented reality (AR) headsets. The lens features compact hardware and an aperture design that simulates the size and position of the human eye within headsets. Using wide-field-of-view optics, the lens enables the connected imaging system to capture a display field of view to 120 degrees horizontal, covering the average scope of human binocular vision and the field of view of most AR/VR devices.

"As displays are viewed nearer to the eye, defects are magnified. Issues with uniformity of brightness and color, dead pixels, line defects, cloudiness, and image position in NEDs more easily impact the user experience," said Radiant Chief Solutions Officer, Doug Kreysar. "Inspecting for these defects is challenging for today's display test systems because of the need to measure NEDs through head-mounted devices. Standard optical components position the camera's aperture too deep within the lens enclosure, limiting a camera's ability to capture the wide angular field of view of the display without occlusion by the headset hardware. The Radiant Vision Systems AR/VR lens features a completely new optical design with aperture at the front of the lens, enabling positioning of the imaging system's entrance pupil much closer to the NED, at the human eye position within the headset. We are honored to receive Vision Systems Design's Innovators Award in recognition of this engineering effort, which provides the first commercially available solution for full-field-of-view imaging of displays as viewed within AR/VR headsets."

Alan Bergstein, publisher of Vision Systems Design (http://www.vision-systems.com) said, "This prestigious program allows Vision Systems Design to celebrate and recognize the most innovative products and services in the vision and image processing industry. Our 2018 Honorees are an outstanding example of companies who are making an impact in the industry."

The Innovators Awards are judged based on the following criteria:

- Originality
- Innovation

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- Impact on Designers, Systems Integrators, End Users
- Fulfilling a need in the market that hasn't been addressed
- Leveraging a novel technology

The 2018 Visions Systems Design Innovators Awards Honorees are featured in the June Issue of Vision Systems Design magazine as well as on http://www.vision-systems.com. Companies were recognized in the following categories:

- Vision systems Cameras - visible
- Cameras – non-visible
- Cameras – 3D
- Cameras – Specialty (High-speed, scientific)
- Image sensors
- Lighting, lenses, and optics
- Connectivity: Cables, connectors, extenders, interfaces, etc.
- Software
- Frame grabbers and boards
- Embedded vision: Cameras, computers, boards, processors, development kit, components
- R&D / start-up category

About Vision Systems Design
Published since 1996, Vision Systems Design is a global resource for engineers, engineering managers and systems integrators that provides comprehensive global coverage of vision systems technologies, applications, and markets. Vision Systems Design's magazine, website (http://www.vision-systems.com), email newsletters and webcasts report on and analyze the latest technology and business developments and trends in the worldwide machine vision and image processing industry.

About the Vision Systems Design 2018 Innovators Awards Program
The Vision Systems Design 2018 Innovators Awards program reviewed and recognized the most innovative products and services in the vision and image processing industry. Honorees were announced at Automate 2018 held in Boston, MA, USA. Criteria used in the Innovators Awards ranking included: originality, innovation; impact on designers, systems integrators and end-users; fulfilling a need in the market that hasn't been addressed, leveraging a novel technology, and increasing productivity.

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 quality control, 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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