



For Immediate Release

Radiant Vision Systems Honored by Laser Focus World 2018 Innovators Awards Program

REDMOND, Wash. – May 10, 2018 —Radiant Vision Systems, a leading provider of visual test and inspection solutions for lighting and display devices, announced today that its [AR/VR Lens for Near-Eye Display Testing](#) was recognized by the judges of the annual [Laser Focus World Innovators Awards](#) program. The judging panel consisted of a panel of senior expert professionals.



Radiant was honored with a Gold-level award for its new [AR/VR lens](#), released January 24, 2018. The lens is specially designed for measuring the quality of near-eye displays (NEDs) integrated within virtual (VR), mixed (MR), and augmented reality (AR) headsets. An optional optical component, the AR/VR lens can be exchanged with standard optics to perform AR/VR display testing using any Radiant [ProMetric® imaging photometer or colorimeter](#). 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 as well as 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. “To measure NEDs for such quality issues, the entrance pupil of the measurement system must replicate the size and location of the human pupil. Unlike alternative lens options, where the aperture is located within the lens enclosure, the aperture of Radiant’s [AR/VR lens](#) is located on the front of the lens, enabling positioning of the imaging system’s entrance pupil within NED headsets at the same location as the human eye and preventing occlusion by headset hardware. We are honored to receive a Laser Focus World 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 Laser Focus World (laserfocusworld.com), said, "This prestigious program allows Laser Focus World to celebrate and recognize the most innovative products and services in the photonics and optoelectronics industry. Our 2018 Honorees are an outstanding example of companies who are making an impact."

The Innovators Awards are judged based on the following criteria:

- Innovation
- Value to the User
- Sustainability

18640 NE 67th Ct.
Redmond, WA 98052 USA
Tel: +1.425.844.0152
www.RadiantVisionSystems.com

- Meeting a Defined Need
- Collaboration
- Impact

The 2018 Laser Focus World Innovators Awards Honorees are featured in the May Issue of Laser Focus World magazine as well as on www.laserfocusworld.com.

About Laser Focus World

Published since 1965, *Laser Focus World* - a monthly magazine for engineers, researchers, scientists, and technical professionals - provides comprehensive global coverage of optoelectronic technologies, applications, and markets. Of over 80,000 qualified optoelectronics professionals from around the world currently subscribe. The Laser Focus World brand includes the magazine, website (laserfocusworld.com), email newsletters, and webcasts. As well as, the sister brands, Industrial Laser Solutions and BioOptics World.

Laser Focus World 2018 Innovators Awards program

The Laser Focus World Innovation Awards celebrates the most innovative applications of photonics, optoelectronics and precision optics products and systems. Awards are presented to organizations that demonstrate excellence in the use of a product, system, or application. Designers, integrators, and users of laser, optics, and photonics systems may nominate their own projects or applications, or integrators or distributors that supplied products or systems can nominate exceptional projects for consideration.

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.

Press Contact:

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

###