



**For Immediate Release**

## **Radiant Demonstrates Leading Display Test Solutions for VR Headsets, View Angle Measurement, and OLED Displays at SID Display Week 2017**

**REDMOND, Wash. – April 25, 2017** — Radiant Vision Systems, the leading provider of visual test and inspection systems for electronic displays, announces that it will host a booth at [SID Display Week 2017](#) to showcase advanced solutions for emerging display technologies. From booth #1129, Radiant will give live demonstrations of view angle measurement using its new conoscope lens, VR display quality testing using the high-resolution ProMetric® I29 Imaging Colorimeter, and additional solutions for in-line display measurement, pixel correction, and surface inspection. SID Display Week takes place May 21-26 at the Los Angeles Convention Center in Los Angeles, California, USA, with the Exhibition scheduled for May 23-25.



The premier international event for the electronic display industry, Display Week is organized by the Society for Information Display (SID) as a forum for market leaders, suppliers, and service providers of electronic display technologies. A SID corporate gold member and regular Display Week exhibitor, Radiant Vision Systems has engineered solutions for the display industry for over two decades, and has rapidly advanced its test and measurement systems to address new technologies and integration environments. With the January release of its new [conoscope lens](#), Radiant has equipped its existing camera suite with a cost-effective add-on lens option for accurately measuring view angle performance of displays to  $\pm 60$  degrees. These measurements are increasingly critical as displays are integrated into assemblies with variable position and distance to the viewer, such as in-vehicle displays and head-up displays (HUDs). Advanced optical components like these also enable Radiant to apply its imaging colorimeters in the measurement of virtual and augmented reality (AR) headsets – a particular challenge due to the relative position of objects projected near to the human eye, which must be matched in clarity from eye to eye, and clearly visualized at any virtual distance on an infinite plane.

Alongside view angle and VR measurement systems, Radiant's Display Week exhibit will include demonstrations of camera configurations that optimize quality control in manufacturing operations. A [ProMetric I16 Imaging Colorimeter](#) paired with a Konica Minolta [CS-2000 Spectroradiometer](#) enables real-time calibration of the colorimeter based on benchmark spot measurements, ensuring consistently accurate evaluation of displays from line to line without the need to perform time-consuming calibrations. A multi-camera Radiant inspection system will also perform pixel-level inspection of OLED displays to identify and correct pixel defects without delaying production line operations. Finally, a high-resolution surface inspection demonstration will employ a [ProMetric Y29 Imaging Photometer](#) to detect scratches and other unprogrammed cosmetic surface anomalies on the back of a display device.

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Following the SID Display Week Exhibition, Radiant will host a poster titled “Pixel-Level Luminance Measurement and Correction of OLED Displays” (P.86) during the [Display Week Symposium](http://www.displayweek.org) Display Measurement Poster Session. The poster, which will be presented by Radiant Product Marketing Manager Bo Magluyan on May 25 between 5:00-8:00PM in the Petree Hall of the Convention Center, describes new technologies that enable measurement of luminance and chromaticity values in emissive high-resolution OLED displays, as well as “demura” methods that use colorimetric measurement data to identify and resolve pixel-level non-uniformity.

For information or to register for the SID Display Week, visit [www.displayweek.org](http://www.displayweek.org). Learn more about Radiant Vision Systems by visiting booth #1129 at SID Display Week or online at [www.RadiantVisionSystems.com](http://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](http://www.RadiantVisionSystems.com).

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