RADIANT
VISION SYSTEMS

A Konica Minolta Company

For Immediate Release

Radiant Presents Technical Requirements for Camera Monitor System Testing According to UN Regulations at Vehicle Displays Detroit

REDMOND, Wash. – August 28, 2018—Radiant Vision Systems, a leading provider of visual test and inspection systems for electronic displays, announces that it will exhibit and present technical topics at the SID (Society for Information Display) Vehicle Displays Detroit 25th Annual Symposium and Expo taking place at Burton Manor Conference Center in Livonia, Michigan, September 25-26. From table #46, Radiant will showcase photometric imaging solutions that address the latest challenges in automotive display testing, including measuring the effect of anti-glare display "sparkle" correlated to human visual perception of quality, and provide recommendations for efficient camera monitor system (CMS) testing per UN regulations.

Vehicle Displays Detroit provides a forum for engineers and designers from display, HMI, photonics, vehicle systems, and automotive OEM communities to explore and discuss innovations that enable new vehicle systems, infotainment, and safety. Radiant Vision Systems sponsors Vehicle Displays each year to further display development in the automotive industry, as well as to provide solutions that simplify complex and comprehensive display quality evaluation. Leveraging over two decades of expertise in visual inspection for consumer electronics—including OLED, LCD, microLED, IR (infrared) sensing, and AR/VR (augmented/virtual reality) technologies—Radiant applies proven solutions to emerging challenges in automotive display manufacturing to achieve visual performance that is driven by the quality expectations of today's consumers.

As part of the Vehicle Displays Technical Program, Radiant will lead a technical presentation this year on the application of photometric imaging for CMS testing. The presentation will take place on the second day of the symposium during Session 6 on Metrology (Wednesday, September 26 from 8:30 A.M. to 10:10 A.M.). Radiant Automotive Business Leader Matt Scholz will give the presentation based on his paper "Understanding and Applying Standards-Based Display Testing for Camera Monitor Systems," which discusses optical performance testing for camera-based display systems (called CMS). These systems have begun to replace legally-required side- and rearview mirrors in countries that adopt and comply with regulations. During the presentation, Scholz will clarify the optical test requirements of UN Regulation No. 46 ("Uniform Provisions Concerning the Approval of Devices for Indirect Vision and of Motor Vehicles with Regard to the Installation of These Devices"), and offer recommendations for applying measurement technologies that reduce the complexity of setting up test systems and executing regulatory testing. This technical session (6.4) will take place September 26 from 9:30 A.M. to 9:50 A.M., with an opportunity for audience questions following the presentation.

SEE THE DIFFERENCE

In addition to a technical presentation, Radiant will host tabletop #46 from the floor of the Vehicle Displays expo, where the company's automotive solutions team will give live demonstrations of a ProMetric® Y Imaging Photometer evaluating the effect of anti-glare "sparkle" on three center-stack display assemblies. Advanced algorithms in Radiant TrueTest™ Automated Visual Inspection Software analyze luminance variations caused by the anti-glare micro-surface structure as light is emitted through the display layers. Going beyond quantification of sparkle to enable automated quality control, the Radiant photometric measurement system has been shown to correlate with human determinations of display quality in studies at OEM customer sites. Visitors to Vehicle Displays Detroit are encouraged to participate in an interactive demonstration at the Radiant table to rate the effect of "sparkle" on anti-glare displays and compare their perception of display quality to the Radiant system's measurements.

Complimentary registration for Vehicle Displays Detroit is available courtesy of Radiant using ID Code **GEX1836**. For information or to register for Vehicle Displays Detroit, visit www.vehicledisplay.org. Learn more about Radiant Vision Systems by visiting table #46 at the exhibit 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 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

###