RADIANT
VISION SYSTEMS

A Konica Minolta Company

For Immediate Release

Radiant Demonstrates Production Display Test and Correction Solutions at C-TOUCH & DISPLAY SHENZHEN

REDMOND, Wash. – November 10, 2020 — Radiant Vision Systems, a leading provider of automated visual inspection solutions for display manufacturing, announces that it will demonstrate in-line measurement and correction solutions for ensuring the quality of displays at C-TOUCH & DISPLAY SHENZHEN, November 19-21. Co-located at booth #1C01, Radiant and sister company Konica Minolta (China) Investment Co, Ltd. will give live demonstrations of Radiant's high-resolution photometric imaging systems, software, and lenses for evaluating the visual qualities of displays in touchscreen devices, automotive cockpits, and augmented and virtual reality (AR/VR) headsets. The booth will also feature special demonstrations of in-line test and correction methods that ensure component quality and production efficiency for new miniLED, microLED, and OLED technologies.

C-TOUCH & DISPLAY SHENZHEN takes place November 19-21 at the Shenzhen Convention & Exhibition Center and is one of the largest and most influential exhibitions in the touchscreen and display industry. With nearly 1,000 world-renowned brands participating in a 45,000 square-meter event venue, Radiant and sister company Konica Minolta will be joined by companies from both China and abroad to share and experience the latest display technologies across consumer electronics and other industries.

Visitors to the Radiant and Konica Minolta booth will get a firsthand look at the application and impact of in-line test, measurement, and correction for display quality in several live product demonstrations. Radiant's ProMetric® Imaging Photometers and Colorimeters will be shown with the company's TrueTest™ Software platform for automated pass/fail analysis of display brightness, color, uniformity, contrast, mura, and more. Radiant's highest-resolution imaging photometers will also be demonstrated in special applications of OLED, miniLED, and microLED display testing and correction. In these applications, imaging systems will capture all display pixels in a single measurement image, calculate pixel-level output variations, and determine the appropriate corrections to be made to each pixel to ensure display uniformity. Radiant's advantages for accurate pixel uniformity correction or "demura" have been widely implemented in the production of emissive displays (including OLED, miniLED, and microLED devices). These methods have contributed to commercialization of new display types by significantly increasing yield and lowering manufacturing cost by directly improving the quality of poorly performing display modules.

Radiant's automated visual inspection solutions are a leading choice of display manufacturers for providing objective photometric measurement data at the speeds necessary for in-line quality control. These systems leverage the benefits of imaging technology for rapid, single-measurement analysis of displays, including pixel-level measurement. Radiant's imaging photometers measure precise luminance and chromaticity values across all display subpixels in as little as a second per display, ensuring high throughput. ProMetric imaging systems feature USB and Ethernet communications for easy integration with industrial manufacturing systems. Developed for automated pass/fail qualification, TrueTest Software features a multi-test sequencing platform and an API for custom installations into any unique manufacturing environment.

In addition to production-level display test and correction, Radiant will demonstrate automated inspection solutions for augmented reality (AR) and virtual reality (VR) displays viewed through the headset, near-infrared light sources used for facial recognition applications, and backlit keyboards—ensuring quality across display devices and components. From the same booth, Konica Minolta will host demonstrations of Radiant's photometric imaging and software solutions designed to evaluate automotive displays, including freeform display testing (for non-rectangular display shapes), view angle performance evaluation for in-vehicle displays, and head-up display (HUD) testing.

Visit www.quanchu.com.cn to register for the show, and learn more about Radiant Vision Systems by visiting booth #1C01 at C-TOUCH & DISPLAY SHENZHEN 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 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
Creative Marketing Specialist
Radiant Vision Systems
+1 (425) 844-0152 x587
Shaina.Warner@RadiantVS.com

###