

## For Immediate Release

### Radiant Demonstrates Display Test and Metrology Solutions at C-TOUCH & DISPLAY SHENZHEN

**REDMOND, Wash. – October 30, 2019**

— Radiant Vision Systems, a leading provider of automated visual inspection solutions for display devices worldwide, announces that it will demonstrate measurement solutions for ensuring the quality of displays at [C-TOUCH & DISPLAY SHENZHEN](#), November 21-23.

Alongside sister company [Konica Minolta \(China\) Investment Co, Ltd.](#) at co-located booths #1B02 and #1C01,

Radiant will be showcased in over ten live demonstrations of its high-resolution photometric imaging systems, software, and specialized lenses for evaluating the unique characteristics of light and color in displays used in smart devices, automotive integrations, augmented and virtual reality (AR/VR) headsets, and other emerging applications.



[C-TOUCH & DISPLAY SHENZHEN](#) takes place November 21-23 at the Shenzhen Convention & Exhibition Center in Shenzhen, China. The event is one of the leading and largest professional exhibitions in the touchscreen industry. At this year's exhibition, Radiant and sister company Konica Minolta will be joined by nearly 1,000 other renowned brands from both China and abroad, specializing in touchscreens, display devices, home appliances, tablets, mobile solution design, and consumer electronics manufacturing industries.

From their shared booth in the exhibit hall, Radiant and Konica Minolta will present photometric test and measurement solutions for displays designed for consumer devices to automotive dashboards. The Radiant [ProMetric® Imaging Photometers and Colorimeters](#) will be showcased in over ten live display test demonstrations, applying analyses from [TrueTest™ Software](#) in automated test sequences to measure display brightness, color, uniformity, contrast, mura (including Black Mura Gradient), and more. Radiant's newly released [ProMetric Y43](#) (43-megapixel) imaging photometer will be demonstrated in a special application of OLED display testing, where the camera will capture all OLED pixels in a single measurement image, calculate pixel-level non-uniformities, and determine coefficients for display uniformity correction. Known as "demura," Radiant's correction application has been widely implemented in OLED display production to significantly increase yield and lower manufacturing cost by directly improving the quality of poorly performing display modules.

Radiant solutions are engineered to ensure consistent and accurate photometric data from lab to line. Radiant's imaging photometers and colorimeters are a leading choice of global manufacturers looking to ensure efficient production-level display testing for in-line

operations, employing the benefits of imaging technology for quick, single-measurement analysis of an entire display at once. Radiant's imaging photometers evaluate high-resolution displays for spatial luminance, color, and uniformity in under one second—and total pixel-level values in as little as 1.4 seconds—per display, with USB and Ethernet communications for easy integration. Radiant's TrueTest Software offers a breadth of light, color, and dimensional analyses that can be applied individually, or in an automated sequence for rapid production-level pass/fail qualification. TrueTest also features an API for custom installations into any unique manufacturing environment.

In addition to production-level display testing and correction, the Radiant booth at C-TOUCH & DISPLAY SHENZHEN will include demonstrations of testing of e-paper displays, virtual reality (VR) displays viewed through the headset, near-infrared light sources as used for facial recognition applications, and surface inspection—ensuring total component quality for consumer electronics devices. From the same booth, Konica Minolta will host demonstrations of Radiant imaging and software solutions designed to evaluate automotive displays, including freeform display registration (displays with non-rectangular shapes), view angle performance evaluation for in-vehicle displays viewed from fixed positions, and automated head-up display testing.

Visit [sz.quanchu.com.cn/en](http://sz.quanchu.com.cn/en) to register to attend the show, and learn more about Radiant Vision Systems by visiting booth #1B02 at C-TOUCH & DISPLAY SHENZHEN 2019 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 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, 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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