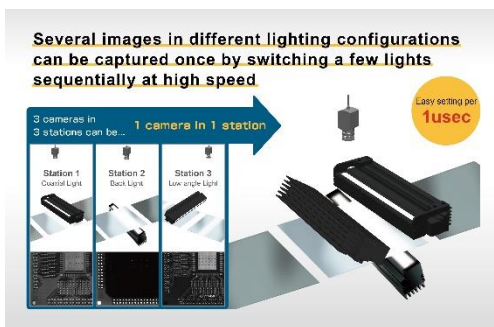


## FOR IMMEDIATE RELEASE

### CCS and iCore Form Business Alliance

Multi-scan imaging system with high-speed control for higher value-added solutions



**Kyoto, Japan / Anyang, Korea, May 30, 2023** – Inspection lighting manufacturer CCS Inc. (CCS) and inspection component manufacturer iCore Co., Ltd. (iCore) have signed a business alliance agreement and will begin efforts to develop new solutions utilizing both companies' technologies.

CCS provides not only lighting and power supplies for image processing inspections, but also inspection cameras and lenses, image judgment programs, AI-based inspections, and other solutions to make "I can see it!" a reality for manufacturers worldwide.

iCore is located in Korea, where advanced image processing inspections are in high demand. The company manufactures and sells products with high technological capabilities, especially controllers for high-power inspection lighting that can be controlled at high speeds.

Image processing inspections determine whether an object passes or fails by processing an image of the object using inspection software.

Inspections are becoming faster and more precise, especially in electronic component and semiconductor manufacturing. CCS has recently focused on offering solutions to meet these emerging needs, such as multi-scan imaging systems.

#### Multi-scan imaging system

Conventionally, performing multiple inspections on a product requires an inspection stage for each. Multi-scan imaging systems can perform these inspections on a single stage by switching multiple lights at high speed when capturing images, thereby improving efficiency in cost, inspection time, and installation space.

This method is especially suitable for complex image processing, such as acquiring images of the inspected object when illuminated from different directions or at different wavelengths.

As a result, inspections that have previously been difficult to automate are now possible, such as removing surface convexo-concave irregularities to extract only patterns or canceling surface patterns to extract only convexo-concave irregularities.

iCore's extensive controller lineup is highly compatible with multi-scan imaging.

CCS and iCore plan to combine both companies' strengths to rapidly provide high-value imaging inspection solutions to manufacturers worldwide.

"I am very excited to start working with iCore. Their controller can maximize the performance of our lights, especially in high speed and high precision applications.", said Hiroyuki Onishi, President of CCS Inc. "I believe this business alliance enables us to deliver more advanced and versatile machine vision solutions to our customers all over the world."

"We are thrilled and excited to partner with CCS. CCS's lighting technology is known as the best in the world.", said Choul Woo Park, CEO of iCore "We want to maximize the performance of CCS lighting through iCore's strobe controller and continue to provide the solutions that our customers want."

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### **About iCore**

iCore is a company specializing in machine vision component development established in Gyeonggi-do, Korea in 2019. The company was founded by researchers who had already developed high-resolution machine vision cameras and TDI cameras and were recognized for their technical capabilities around the world. iCore is capable of high-speed control, high output, and can control up to 8 channels, and iCore increase to earn more customer satisfactions through product development that can meet the diverse requirements of customers.

For more details <https://www.icorecorp.com/>

### **About CCS**

From 1993, CCS advanced the machine vision industry by developing LED lighting for inspection that Created Customer Satisfaction for both manufacturers and their consumers, who demanded safe, high-quality goods. Today, CCS leads the machine vision world in innovation with thousands of products including lights, controllers, and accessories. CCS's global network of employees is dedicated to helping manufacturers capture the most important details in an inspection so that their customers never receive anything less than their highest quality.

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