

November 11, 2025

KYOCERA Corporation

Kyocera to Showcase Underwater IoT, Proprietary AI Imaging Tech, and New Autonomous Driving Sensors at CES 2026

Kyocera's booth (West Hall #6501) at CES 2026 will highlight the future of connected mobility and beyond

Kyocera Corporation (President: Hideo Tanimoto; “Kyocera”) announced today that the Kyocera Group will exhibit at [CES 2026](#), one of the world’s largest technology trade shows, to be held in Las Vegas, Nevada, USA, January 6 - 9, 2026 (U.S. local time).

Kyocera will exhibit jointly with Kyocera AVX Components Corporation, Kyocera International, Inc., and Kyocera Document Solutions Inc. at booth **#6501 in the Vehicle Tech & Advanced Mobility Zone, West Hall**. The exhibits will highlight the Group’s cutting-edge technologies, including Underwater Wireless Optical Communication (UWOC) expected to be applied to underwater drones, a high-resolution millimeter-wave sensor to support autonomous driving, and a triple-lens AI depth-sensing camera equipped with Kyocera’s proprietary AI technology.

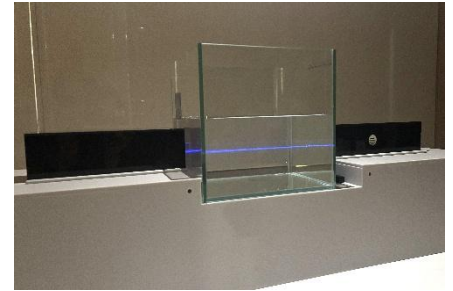
Visitors will experience Kyocera’s vision for a next-generation mobility society. Featured technology innovations will include high-speed underwater communication, advanced AI imaging with triple lenses, next generation mmWave sensors for autonomous driving, and more.



Kyocera Group's CES 2026 booth #6501, West Hall

● Underwater Wireless Optical Communication (UWOC)

Kyocera's Underwater Wireless Optical Communication (UWOC) is a next-generation marine ICT technology that enables high-speed, high-capacity data transmission by minimizing underwater optical attenuation. This solution provides stable, real-time transmission of high-definition video and sensor data, enhancing the efficiency of marine surveys with Autonomous Underwater Vehicles (AUVs), improving the accuracy of structural inspections, and accelerating scientific discoveries during marine research.



Additionally, Kyocera will demonstrate world-leading 5Gbps transmission capacity that will help advance UWOC and underwater IoT in the booth.

● Triple Lens AI-Based High-Resolution Depth Sensor for Close Imaging

Kyocera has developed a distance measurement camera with three lenses and proprietary AI. This camera measures distances precisely for objects as small as 0.30mm, and for challenging targets such as metals, translucent materials, and flexible linear objects that are difficult for two-lens cameras. Enhanced depth and distance recognition allow more applications, such as factory measurement of parts, wire harnesses, and cables. In medical environments, the system more accurately identifies human anatomy and instruments, helping address labor shortages and improving operational efficiency. Visitors to Kyocera's CES booth can compare its recognition accuracy with that of conventional products.



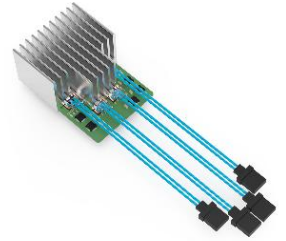
● High-Resolution mmWave Sensor

This millimeter-wave sensor detects minute object vibrations, enabling 4D sensing: velocity, distance, horizontal direction, and vertical direction relative to the target. Using proprietary substrate material technology and unique algorithms, the sensor acquires precise spatial information and enables clear object detection. This next-generation solution balances privacy with safety, with anticipated applications ranging from autonomous driving support and healthcare monitoring to structural surveillance.



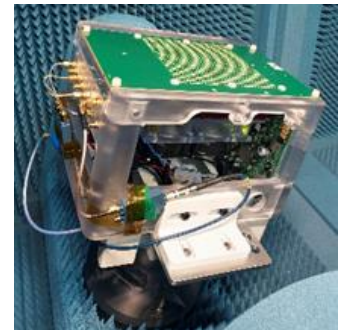
●OPTINITY® ※ Doubles Bandwidth for AI and Autonomous Driving

Building on sensing and optics, the new optoelectronic integrated module, [OPTINITY®](#), integrates an electrical wiring board and optical technologies to convert electrical signals to optical signals and vice versa for twice the bandwidth of the last generation. This enables optical transmission of PCIe® signals, previously limited to electrical transmission within server equipment. By enabling faster, more energy-efficient, and space-saving data exchange, the module allows data centers to handle higher workloads and emerging applications in generative AI and autonomous driving.



●Phased Array Antenna Module (PAAM) (Kyocera International)

Kyocera will demonstrate its Phased Array Antenna Module (PAAM), which incorporates 6G ISAC (Integrated Sensing and Communication) technology that combines wireless communication and sensing into a single framework. Kyocera's PAAM allows networks to simultaneously deliver data and sense their environment, unlocking applications such as next-generation autonomous driving, environmental sensing, and industrial automation — all with greater efficiency and performance. For optimal beam steering and directivity, Kyocera employs Rohde & Schwarz CATR (Compact Antenna Test Range)-based multi-reflector Over-the-Air (OTA) testing technology. To schedule a demonstration, [click here](#).



●Real-Time Interactive Caption Display System Cotopat (Kyocera Document Solutions)

<First time exhibition in the US>

[Cotopat](#) is a real-time speech recognition system that displays text, diagrams, and videos to facilitate smooth communication and eliminate conversational and language barriers. Since its launch in 2023 in Japan, Cotopat has supported numerous customers in diverse face-to-face settings, including service counters and reception desks at municipal offices and private-sector organizations.



※OPTINITY resulted from a grant project (JPNP21029) by the New Energy and Industrial Technology Development Organization (NEDO).

© 2025 Kyocera Corporation (KC), Kyoto, Japan. All rights reserved. OPTINITY is a registered trademark of Kyocera Corporation. Cotopat is a trademark or registered trademark of Kyocera Document Solutions Inc. PCIe is a registered trademark of PCI-SIG. All other marks are held by their respective owners.



About KYOCERA

[Kyocera Corporation](https://global.kyocera.com/) (TOKYO:6971,<https://global.kyocera.com/>), the parent and global headquarters of the Kyocera Group, was founded in 1959 as a producer of fine ceramics (also known as “advanced ceramics”). By combining these engineered materials with metals and integrating them with other technologies, Kyocera has become a leading supplier of industrial and automotive components, semiconductor packages, electronic devices, smart energy systems, printers, copiers, and mobile phones. During the year ended March 31, 2025, the company’s consolidated sales revenue totaled 2 trillion yen (approx. US\$13.5 billion*). Kyocera is ranked #1,123 on Forbes magazine’s 2025 “Global 2000” list of the world’s largest publicly traded companies, and has been named among “The World’s 100 Most Sustainably Managed Companies” by The Wall Street Journal

*Conversion is provided based on TTM as of March 31, 2025

CONTACT:

KYOCERA Corporation (Japan) Corporate Communications

Head Office TEL: +81-(0)75-604-3416 E-mail: webmaster.pressgl@kyocera.jp