NIPA Showcases Korea's AI Device Technologies at 'IFA Berlin 2026'

- K-AI Semiconductor Media Day' Held September 4 Five Companies Present AI-Based Technologies in Drones, XR, Robotics, Smart Helmets and More



GERMANY, September 10, 2026 /EINPresswire.com/ -- □ The National IT Industry Promotion Agency (NIPA) hosted the "K-AI Semiconductor Media Day & Networking Reception" on September 4 (Friday) at the Funkturm Lounge in Messe Berlin, the venue for IFA Berlin 2026, introducing the technologies and products of Korean AI transformation (AX) devices developed using Korean AI semiconductors to leading German and European media.

□ In conjunction with this, "K-AI Semiconductor Media Day" was held on September 4 at the Funkturm Lounge in Messe Berlin. The event invited leading journalists from Germany and Europe covering IT, AI and robotics to introduce the innovative technologies and distinctive features of Korean AX devices, and to support the building of overseas media networks and global publicity. At this "K-AI Semiconductor Media Day," five companies – NEXREAL, P&C Solution, RobotWare.AI, RhinOS and analogue plus – presented their AI-based devices and core technologies and held a Q&A session with journalists.

□ P&C Solution unveiled "METALENSE," Optical See-Through AR glasses that support digital transformation in industrial settings. It allows users to check digital information while viewing the actual surrounding environment, and supports hands-free work, real-time information delivery, and voice and gesture interaction. Building on METALENSE, P&C Solution is developing a next-generation AR device that combines on-device AI technology, and plans to expand its use into manufacturing, logistics, maintenance and other industrial settings. At IFA, visitors can try on METALENSE directly to experience key AR features such as 3D content visualization, video playback and remote collaboration, and get a preview of the development direction for future products that will incorporate on-device AI.

 RobotWare.AI introduced “Robotinside-RW150i,” an AI-based autonomous smart-farm robot platform for automating and enabling intelligent operation of poultry farms.
It combines AI vision, autonomous driving and robot control technologies to analyze livestock behavior and abnormal situations, and automates repetitive farm tasks such as detecting and collecting dead birds and floor eggs. It also presented a structure that processes data in real time on-site through K-NPU-based on-device AI and connects AI analysis results to the robot’s actual operations. At IFA, the company demonstrates the entire process directly, from egg recognition and location display to automatic collection using a robot gripper.

 NEXREAL introduced an AI mission camera for drones and vision AI technology based on Korean AI semiconductors. The system uses EO/IR cameras and laser range finding (LRF) technology to analyze on-site information in real time, and supports object detection, geolocation, automatic object tracking, license plate recognition and abnormal-situation recognition. In particular, it presented the potential of AI-based drones in fields requiring real-time on-site response, such as security and public safety. At IFA, the company demonstrates functions such as object detection, coordinate acquisition and automatic tracking in conjunction with gimbal camera control software.

 RhinOS introduced “A10,” a commercial cleaning robot equipped with the DEEPER-I NPU. Its AI camera detects thin, irregular obstacles that are difficult to recognize with sensors alone, and generates them as a Virtual No-Go Zone that is delivered to the robot’s navigation system to support safe avoidance driving. RhinOS integrated AI technology directly into the A10 to verify the potential for obstacle recognition in commercial facilities, and developed the A10 – equipped with sweeping, vacuuming and mopping functions – for use in a variety of commercial spaces such as offices, hotels, hospitals and stores.

 analogue plus presented the “AI Smart Helmet,” which supports police motorcycle patrol duties. Using front and rear cameras and AI technology, it recognizes surrounding vehicles and license plates in real time while riding, and delivers the lookup results by voice through a speaker inside the helmet. In particular, it applied an on-device AI structure that processes video analysis and license plate recognition inside the device itself, using a Korean AI semiconductor (NPU) from Telechips. This creates a hands-free patrol environment that allows police officers to minimize operating a separate device while on patrol and focus on road conditions. At IFA, the company demonstrates the automatic vehicle license plate recognition process using actual driving footage.

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