

Polaris3D Unveils EREON D: A Human-Oriented Intelligence Robot for Modern Service Needs

A Delivery Robot Designed to Cater to Hotels and Commercial Buildings



Pohang, Kyeongsangbuk Aug 22, 2024 ([Issuewire.com](https://www.issuewire.com)) -  **Company Name:** Polaris3D

 **Product Name:** EREON D | Human-Oriented Intelligence Robot

 **Product Launch Date:** January 6, 2025

Product Overview

Polaris3D is proud to announce the upcoming launch of **EREON D** on January 6, 2025. This cutting-edge service robot is designed with human-oriented intelligence, tailored to meet the growing demand for contactless delivery services in hotels and commercial buildings. EREON D leverages Polaris3D's core AI-based autonomous driving technology, allowing it to operate efficiently in environments not traditionally designed for robots.

Human-Centric Design and Optimization

EREON D is optimized for seamless integration into various environments, such as elevators and corridors while maximizing internal tray space. The robot's design is carefully calibrated to ensure it

harmonizes with human-centric building spaces, enhancing safety and ease of operation. A standout feature is the innovative door design, which extends the accessible area to the top of the robot, allowing users to easily view and retrieve items from an overhead perspective. This design minimizes the risk of musculoskeletal injuries by enabling users to remove items diagonally, reducing strain.

Advanced Elevator Integration and AI-Driven Navigation

Polaris3D has developed a novel elevator integration method that significantly reduces the challenges robots face when navigating shared spaces like elevators. Additionally, EREON D is equipped with a specialized AI model tailored for robots, ensuring efficient and safe navigation in dynamic environments where people are present. This technology optimizes interaction with human-centric spaces and minimizes the likelihood of collisions, making EREON D a highly adaptable and reliable solution for modern service needs.

Versatility Across Industries

EREON D's versatility extends beyond just hotels and commercial buildings. Its advanced features and adaptable design make it suitable for a wide range of industries, offering an efficient and practical solution for businesses seeking to enhance their service delivery capabilities.

About Polaris3D

Polaris3D is driven by the vision of "One Person, One Robot," turning imaginative concepts in the mobility sector into reality. Our mission is to revolutionize the F&B industry with affordable, high-quality Korean-made service robots. We are making waves in the market with our 100% in-house developed service robot, 'Ereon,' setting a new standard in the industry.



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