

ArgosVision

CEO	Park Ki Yeong	Phone	+82-10-6539-0508
E-mail	cpky@openargos.com		
Address	B-1, 1 st floor, 8-7 Yuseong-daero 1689beon-gil, Yuseong-gu, Daejeon		
major business	Ultra-wide 3D Vision Sensor		

3D Vision Sensor with a Human-like Wide Field of View. ArgosVision is the developer of ArgosVue, a 3D vision sensor with a human-like wide field of view. Specifically designed for smart robots and mobility applications, our mission is to collaborate with partner companies, empowering them to build more versatile systems by utilizing our human-like wide computer vision technology.

Products



ArgosVue Developer Kit

Use Intelligent Robot R&D
Description RGB-D video and point cloud for a view range of 240x160 degrees
 Intelligent 3D sensor equipped with an embedded AI processor
 ROS(Robot OS) support



ArgosVue DAR

Use Autonomous Navigation of Robots and Mobility
Description Panoramic Pseudo-LiDAR
 3D sensor for autonomous navigation of robots and mobility
 Detection of surrounding obstacles and cliffs with a single module



ArgosVue AIoT

Use Human Safety and Healthcare
Description Human recognition without blind spots
 Full-height human recognition at arm's length
 Intelligent camera equipped with an embedded AI processor

Technical Capacity

» Ultra-wide 3D Depth Camera

Vertically arranged fisheye stereo camera
 FOV of 270 degrees horizontally and 160 degrees vertically

» Spherical Stereo Matching

Real-time stereo matching without compromising of FOV by mapping fisheye images to spheres

» Ultra-wide computer vision

Object detection and pose estimation from ultra-wide images
 Detection of nearby objects using wide FOV