



Compertum — a Latin word for “reliability”
 Delivering next-generation LiDAR-camera solutions



FUZION-120

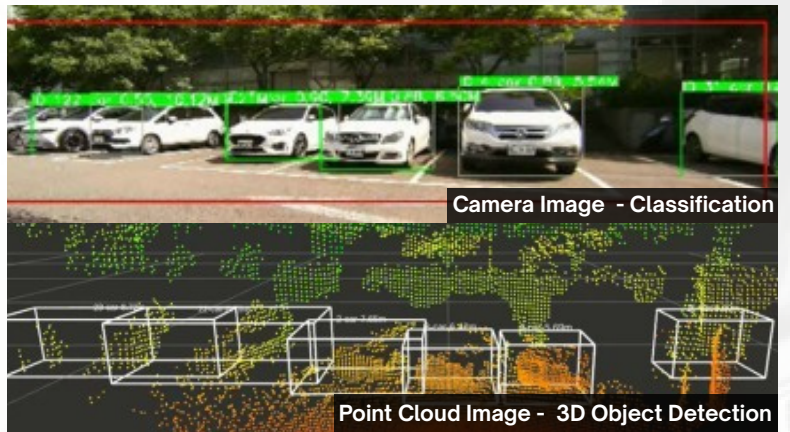
**LIDAR-CAMERA FOR PRECISE 3D VISION
 OPTIMIZED FOR CLOSE-RANGE SENSING
 COMPATIBLE WITH NVIDIA® ORIN™**



Designed for next-generation automation, the Fuzion-120 combines a Flash SPAD LiDAR and a Full HD camera to deliver Real-time 3D RGB Point Clouds for precise object detection, positioning, and close-range sensing.

With SDKs for Windows 10/11, ROS2 (Ubuntu 22.04), and full compatibility with NVIDIA® Orin™, Fuzion-120 supports fast development and flexible integration into autonomous vehicles, AMR/AGV, and Intelligent Transportation System(ITS).

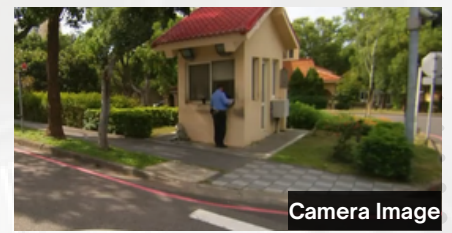
- 1 ULTRA-COMPACT DESIGN**
 SIZE OF A POWERBANK
 ONLY 600 GRAMS
- 2 3D+2D VISION FUSION**
 FUSED RGB & DEPTH FOR PRECISE
 DETECTION & MEASUREMENT
- 3 AI-READY**
 COMPATIBLE WITH SLAM, 3D
 MAPPING, AND MORE



Obstacle Detection

Intelligent Parking

Smart Security



Sensor Specifications

Laser Wavelength (nm)	940	Horizontal FOV (°)	120	Frame Rate (Hz)	10
Laser Safety	Class 1 eye safety	Vertical FOV (°)	35	Points Per Second	107,520
Dimension (mm)	137 x 74 x 45	Resolution (°)	0.625 x 0.625	Range (m) 10%, 100kLux	35
Weight (g)	485	Number of Lines	56	Blind Spot (m)	0.2

Ready to integrate Fuzion-120 into your system? Contact us for samples and support:

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