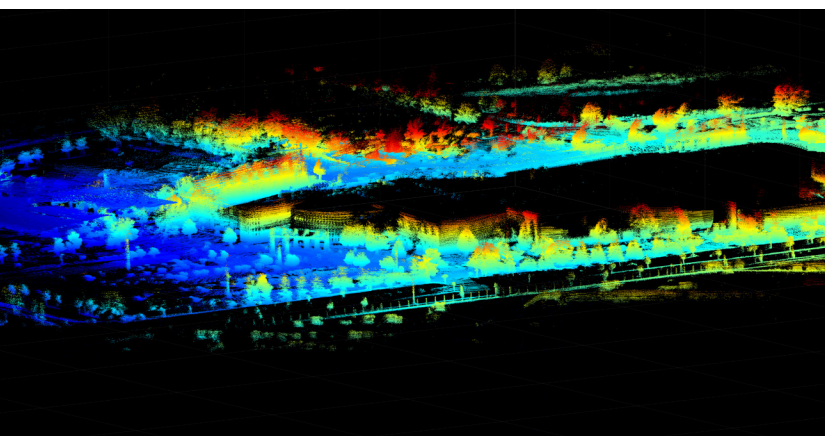
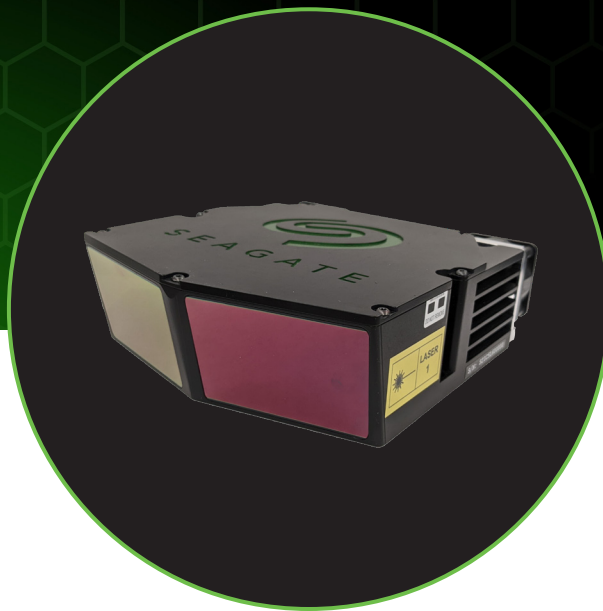


PRODUCT BRIEF

High-Performance, Reliable & Low-Cost LiDAR Solution for Next Generation ADAS and AVs

Seagate® Gen 6 LiDAR is a high-precision, high-performance 120-degree FoV LiDAR unit designed for next generation ADAS and Autonomous Vehicle Applications. The unit is based on 1550nm Laser Technology and contains no spinning active elements for high-reliability and self-aligned optics for ease of manufacturing. With a 250m range, low power and small size, the unit is designed to meet OEM specifications and for ease of integration into the vehicle.



Safety Through Laser Vision

Leverages more than 20 years of laser optics and macro / micro-mechanical design and manufacturing experience

250m Range at 10% Reflectivity

120 Degree Horizontal FoV

< 25 W Power Consumption

Small Size for easier vehicle integration

No active spinning elements for superior reliability

Software controlled dynamic foveation for AI beam focus to achieve resolution up to 0.04°

Typical Applications

L2+ ADAS Systems
Autonomous Drive Vehicles
Off-Road Vehicles
Robotics
Smart Infrastructure

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