Ouster Introduces Low-Cost, High-Resolution 32-Channel Lidar Sensor

November 14, 2019

- **OS1-32 boasts improved resolution at attainable price**
- **Shipping now for $8,000 with volume and education discounts available**
- **Integrates new modular cap for integration flexibility**

SAN FRANCISCO--(BUSINESS WIRE)--Ouster, Inc., a leading provider of high-resolution lidar sensors for autonomous vehicles, robotics, security, and mapping, is introducing the OS1-32, the world's most affordable 32-channel lidar sensor. The OS1-32 is designed to accelerate the development and deployment of perception systems by offering Ouster's high-resolution digital lidar technology at an attainable price point for researchers, roboticists, and commercial applications.

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The OS1-32 sensor is the most recent addition to Ouster's expanding range of rugged, compact, high-resolution lidar sensors engineered for real-world commercial deployment. With a range of 120 meters, the OS1-32 maintains the smallest form factor and lowest weight of any commercially available high-resolution lidar sensor on the market.

"Higher resolution sensors at an affordable price are critical for moving computer vision from simple obstacle avoidance to more advanced perception, and for moving projects from R&D to commercial viability," says Ouster CEO and co-founder Angus Pacala. "The OS1-32 gives customers what they ask for the most: higher resolution at an affordable price."

In addition to the release of the OS1-32, Ouster is introducing a new modular radial cap, enabling custom mounting solutions of OS1-series lidar sensors. The OS1 continues to ship with the familiar radial fin cap design required for standalone operation. For customers who wish to create their own custom integration for robotics, security, automotive, and drone-based applications, Ouster will share mechanical and thermal design requirements to maintain safe, reliable, and performant sensor operation.

Ouster is now accepting OS1-32 orders, with the first sensors shipping in late November, and is priced at $8,000 for commercial applications (with volume pricing available) and $6,000 for non-profit university research.

About Ouster

Ouster builds high-resolution lidar sensors for autonomous vehicles, robotics, drones, and beyond. Using its unique digital lidar architecture, Ouster's sensors are reliable, compact, and affordable, while delivering camera-like image quality. Since its founding in 2015, Ouster has secured over 550 customers and $90 million in funding. Ouster is headquartered in San Francisco and led by CEO Angus Pacala and CTO Mark Frichtl. Learn more at ouster.com.

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