Quanergy Introduces Industry-Leading M8-Prime 3D LiDAR Sensor with 7.5x the Resolution and 1.3x the Detection Accuracy of Traditional Laser Scanners

- *Generates clear, detailed and accurate 3D point clouds by capturing over 1 million points per second—2x the data captured by competing solutions.*
- *Easy to install and configure with an industrial grade connector and user-friendly sensor API.*

SUNNYVALE, Calif. – November 19, 2020 – Quanergy Systems, Inc., a leading provider of LiDAR (Light Detection and Ranging) sensors and smart perception solutions, today unveiled the [new M8-Prime series](#) of 3D LiDAR sensors for mid- to long-range industrial applications requiring a high degree of accuracy and precision in industrial markets particularly in warehouse logistics and container ports and terminal automation.

Featuring an extended range up to 200 meters, the M8-Prime Series provides a market-leading angular resolution of 0.033 – 0.132 degrees that enables the sensor to reliably detect and identify objects with pinpoint accuracy. The M8-Prime Series generates exceptionally clear and detailed 3D point clouds by capturing over 1 million data points per second—more than double the volume of data captured by competing solutions. Like all LiDAR sensors from Quanergy, the M8-Prime Series operates reliably in any ambient lighting and weather conditions and maintains its high performance day or night.

The M8-Prime Series features a 360-degree field of view, which enables flexible installation and provides complete coverage of scanned areas. The M8-Prime Series is compact and lightweight for deployment in tight spaces. The sensor is easy to install and configure thanks to standard M12 panel mount connectors and a user-friendly sensor API.

Built upon the superior scanning technology of previous models, the M8-Prime Series is the new standard in Quanergy's portfolio of 3D LiDAR sensors. The sensor's superior detection accuracy is uniquely suited for industrial markets, particularly in warehouse logistics and container port and terminal automation applications which require a high degree of certainty of an object's location and position.

The M8-Prime Series of 3D LiDAR sensors is immediately available. To request more information about the new M8-Prime, contact sales@quanery.com.

About Quanergy Systems, Inc.

Quanergy Systems, Inc. was founded in 2012 and builds on decades of experience of its team in the areas of optics, photonics, optoelectronics, artificial intelligence software and control systems. Headquartered in Sunnyvale, California, in the heart of Silicon Valley, Quanergy offers a high-performance AI-powered LiDAR platform designed to accelerate the automation of key business processes to increase productivity, efficiency, and safety of our 3D world. By providing actionable insights to organizations across major industries including, mapping, security, smart cities and smart spaces, industrial automation and transportation, Quanergy is enabling its partners and their end-users to deploy innovative solutions to drive their business growth and ultimately, improve the quality of life for people around the world. For more information, visit www.quanergy.com.

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