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Quanergy to Showcase LiDAR for Autonomous Vehicles and Smart Cities at CES 2018

Fisker EMotion debut and demonstrations on smart transportation, data analytics and perception at Quanergy's booth #3315

SUNNYVALE, Calif.—January 8, 2018—[Quanergy](#), the leading provider of solid state LiDAR sensors and smart sensing solutions, will showcase key LiDAR applications for smart awareness at the 2018 Consumer Electronics Show, January 9-12 in Las Vegas. Quanergy will also be featured at Samsung's booth in the Hard Rock Hotel throughout CES and the City of Las Vegas' booth (#1913) in the Smart Cities Pavilion with a live demo 9AM-11AM on January 10th.

Quanergy's booth #3315 will host the world debut of the Fisker EMotion, a luxury autonomous electric vehicle that features five of Quanergy's revolutionary S3 solid state LiDAR sensors. Fisker named Quanergy its official LiDAR partner in October 2017, with the intention of unveiling the highly anticipated vehicle at CES 2018. Quanergy's LiDAR was selected for its industry-leading price, performance and reliability, and for its ability to integrate seamlessly into the EMotion vehicle design. The patented S3 is the winner of the 2017 CES 'Best of Innovation' Award, and continues to be the only LiDAR to have received this prestigious award by a preeminent panel of independent industrial designers, independent engineers and members of the trade media, who honor outstanding design and engineering in cutting edge consumer electronic products.

"Solid state LiDAR has proven to be the preferred primary sensor for self-driving vehicles, and LiDAR also has far-reaching potential with a large number of applications that we are enabling in numerous markets," said Dr. Louay Eldada, CEO of Quanergy. "This year will be a marquee year for Quanergy: in the coming months, the world will see our technology being deployed in a wide range of applications, leading to propelling the industry at large."

Quanergy will feature demonstrations using their complete line of sensors, showcasing the breadth of their LiDAR applications:

- **Automotive:** Quanergy's software perception platform will interpret the data from the solid state sensors integrated into the Fisker EMotion for object detection, tracking and classification.

- **Data Analytics:** Real-time insights about customer behavior and flow will be demonstrated by a people counting demo.
- **Smart Transportation:** A live stream from LiDAR sensors located on the streets of Las Vegas will track the flow of pedestrians for intelligent transportation systems enabling cities to improve driver and pedestrian safety and traffic flow.
- **Smart Cities:** Integrating a LiDAR sensor with a PTZ (Pan-Tilt-Zoom) camera will demonstrate real-time 3D detection of humans for smart traffic monitoring and automation of security functions.

For more information on Quanergy's LiDAR products and solutions visit quanergy.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 smart sensing solutions. It is a leading provider of LiDAR sensors and perception software for real-time capture and processing of 3D spatial data and object detection, tracking and classification. Its sensors are disruptive in price, performance, reliability, size, weight and power. Its solutions are applicable in numerous sectors including transportation, security, industrial automation, 3D mapping, mining, agriculture, drones, robotics, smart spaces and 3D-aware smart devices for improved safety, efficiency and quality of life. For more information, visit www.quanergy.com