



## Quanergy Unveils 3D LiDAR People Counting Solution with Widest Coverage Area on the Market

- *Provides up to 30m coverage and 98% accuracy in indoor and outdoor lighting conditions*
- *Ideally suited for challenging, low mounting heights and very wide doors and openings*
- *Expands Quanergy People Counting solutions from retail, smart buildings, airports to public transportation, and public venue applications*

**February 3, 2021 (Sunnyvale, CA)** — [Quanergy Systems, Inc.](#), a leading provider of LiDAR (Light Detection and Ranging) sensors and smart perception solutions, today announces the availability of a new [QORTEX People Counter solution](#), S3-2WSO, with double the coverage compared to previous iterations. The new release enables users to accurately monitor and control occupancy limits in public transportation and public venues while protecting individual privacy.

QORTEX People Counter S3-2WSO is built from Quanergy's S3-2 LiDAR sensor and features a revolutionary 100-degree horizontal field-of-view (FOV)—twice that of previous models. This enables mounting at a low height, ideal for spaces with low ceilings such as in older buildings and public transportation areas such as bus terminals and train platforms.

QORTEX People Counter also features [SensorFusion™](#) functionality, which fuses data from multiple sensors to seamlessly monitor openings up to 30 meters wide, such as entry/exit points for retail malls, stadiums, and other large public spaces. QORTEX People Counter can detect a broad range of traffic patterns, including lingering, single file, side by side, bi-directional, tailgating, and more. In addition, the solution provides 98% accuracy in both indoor and outdoor settings.

Like all of Quanergy's proprietary solid-state LiDAR solutions, QORTEX People Counter provides unmatched accuracy and reliability compared to cameras—all in a compact, cost-effective device. The unique electronic beam steering -- without any moving parts -- ensures immunity to vibration and provides over 100,000 hours mean time between failures (MTBF), or over 10 years. In addition, unlike cameras, the LiDAR-based solution does not capture or store any personally identifying information, eliminating PII risk and protecting traveler privacy.

“We are proud to continuously adapt our high-tech solutions for the needs of our customers around the world,” said Teresa Liou, Senior Director of Product Management at Quanergy. “With social distancing remaining our new normal, QORTEX People Counter S3-2WSO makes it easier for transportation agencies to maintain public health and safety.”

For more information, visit <https://quanergy.com/products/qortex-people-counter>.

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**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](http://www.quanergy.com).

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