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Quanergy Launches Next-Generation 3D LiDAR Solutions with Introduction of New Q-Track-HD and Q-Track-Dome

New 3D LiDAR Solutions Deliver Situational Awareness for Security and
Smart Spaces Applications



Las Vegas, NV (April 10, 2024) – Quanergy, a leading provider of 3D LiDAR technology for physical security and business intelligence applications, is showcasing two new additions to its portfolio of 3D LiDAR solutions here at ISC West 2024 in booth 32057. The new Q-Track HD and Q-Track Dome 3D LiDAR sensors join Quanergy’s highly

touted Q-Track LR (Long Range) offering to comprise the industry's most comprehensive portfolio of high-performance 3D LiDAR solutions available. Quanergy 3D LiDAR detection, classification and tracking technology is proven to deliver 20X the accuracy of legacy technologies at less than half the cost.

“Quanergy 3D LiDAR solutions are rapidly being adopted to solve longstanding challenges in the physical security and smart spaces markets due to their ability to effectively increase overall security and virtually eliminate costly false alarms,” said Enzo Signore, CEO, Quanergy Solutions. “With the introduction of our new Q-Track HD and Q-Track Dome sensors for close-range applications joining our highly successful Q-Track LR long-range sensor, Quanergy offers a comprehensive 3D LiDAR system solution that delivers proactive awareness for a myriad range of applications.”

Quanergy is featuring the following 3D LiDAR solutions at ISC West 2024:

The new **Q-Track HD** provides optimal 3D LiDAR detection, tracking and classification performance for challenging environments such as crowded airports, large malls and stores, industrial and manufacturing facilities, and education and corporate campuses. With a 360° horizontal field of view and very wide vertical field of view, a meshed network of Q-Track HD sensors can accurately track over 1000 people simultaneously, even as they move around obstructions such as line queues, columns, shelves, desks, and more.

Also debuting at ISC West, **Q-Track Dome** is designed to track and classify people in even smaller and more complex environments within office buildings, corridors, mantraps, transportation terminals, and various other queue applications. With a 90° vertical field of view, Q-Track Dome is optimized for dense areas, offering unmatched performance and reliability for object tracking and classification, and crowd intelligence gathering applications.

The field proven **Quanergy Q-Track LR** (Long Range) sensor is currently deployed at over 100 customer sites globally, including many of the largest datacenters, airports, energy substations and water plants in operation. Q-Track LR detects, classifies and tracks people and vehicles at long distances with a single sensor covering an area equivalent to three football fields. Q-Track LR provides a highly accurate and cost-effective, proactive solution for perimeter intrusion detection (PID) applications.

This unique new combination of Quanergy 3D LiDAR sensors operate seamlessly together when integrated into a single networked system, allowing organizations to track people, vehicles and objects across every zone of protection from the perimeter to close interior locations. For example, at airports, Quanergy 3D LiDAR solutions can track passengers from curb arrival to gate departure, effectively helping increase passenger flow/throughput to help ensure a better traveler experience while improving operational and strategic initiatives in real-time and for future planning.

At datacenters Quanergy 3D LiDAR solutions can alert security of a potential breach at the perimeter of a property, and track all movements within a facility's corridors and server rooms and racks. Quanergy's unique combination of 3D LiDAR solutions minimize the number of optical sensors required at datacenters while maximizing coverage.

Quanergy Q-Track-HD, Q-Track Dome and Q-Track LR leverage the same rich ecosystem of 40+ integrations with leading technology partners such as Milestone XProtect, Genetec Security Center, Hanwha Wave, Network Optix, Surveill by Edge 360, Mirasys, Flir Latitude, Salient, Digifort, and Advancis, plus a wide range of PTZ cameras from various manufacturers.

For more information about Quanergy's Q-Track Coverage Tool and Windows Compatibility, please visit www.quanergy.com

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About Quanergy

Quanergy is redefining physical security with real-time 3-D LiDAR solutions. Based in Silicon Valley, Quanergy's revolutionary Security as a Service delivers intelligent proactive awareness for highly dynamic environments like critical infrastructure, smart cities, smart spaces, and industrial automation. Quanergy's mission is to ensure you see beyond current sensing limitations and experience the power of 3-D security designed for a 3-D world. For more information, please visit us at www.quanergy.com.