



Quanergy Delivers Industry First 200 Meter Range for OPA-Based Solid State LiDAR

- Quanergy's 100% CMOS silicon solid state OPA technology is a game changer for the automotive and the industrial markets, designed for industry-leading performance, reliability and cost

SUNNYVALE, Calif. (CES) – Jan 5, 2022 – [Quanergy Systems](#), Inc., a leading provider of OPA-based solid state LiDAR sensors and smart 3D solutions for automotive and IoT, today announced the successful demonstration of its Optical Phased Array (OPA) technology out to a range of 200 meters. This doubles the range [achieved earlier in the year](#) and further expands the set of applications the technology can address through the [S3 Series LiDAR](#), a true solid state sensor using an industry-first, scalable CMOS silicon manufacturing process for cost-effective, mass-market production.

The demonstration was conducted with a solid-state LiDAR S3 test platform with a single scanning beam. The test included the detection and tracking of difficult-to-detect objects, including a target with 10% reflectivity mounted on a vehicle stationed 200 meters away and a person with dark clothes as he walked the entire distance to the vehicle at 200 meters.

"This demonstration of Quanergy's OPA technology at the 200 meter range is a major milestone for the industry since it highlights its efficacy for a broad range of industrial automation and automotive applications" said James Hodgson, Principal Analyst, ABI Research. "Its range performance, CMOS-based process, coupled with its ability to operate with no moving parts with a very high mean-time-between failures, positions OPA as the leading technology for high manufacturing scale automotive applications, expected to surpass Digital MEMS and Flash."

"Quanergy has advanced its OPA-based solid-state technology and can now detect objects out to a 200 meter range" said Dr. Tianyue Yu, Quanergy's Co-Founder and Chief Development Officer. "Quanergy's OPA Technology offers the highest reliability with no moving parts, adaptive zoom for zoom-in/zoom-out capabilities to focus on any obstacles and active scanning which allows for steering capability and flexibility to collect points in any pattern. These attributes provide for high-volume, high-yield, low-cost manufacturing."

In June 2021, Quanergy entered into a definitive merger agreement with CITIC Capital Acquisition Corp. (NYSE: CCAC) ("CCAC"). Upon closing of the transaction, the combined company will be named Quanergy Systems, Inc. and is expected to be listed on the New York Stock Exchange (NYSE) under the ticker symbol "QNGY." The

transaction is expected to close in the first quarter of 2022, subject to satisfaction of customary closing conditions.

About Quanergy Systems, Inc.

Quanergy Systems' mission is to create powerful, affordable smart LiDAR solutions for automotive and IoT applications to enhance people's experiences and safety. Quanergy has developed the only true 100% solid state CMOS LiDAR sensor built on optical phased array (OPA) technology to enable the mass production of low-cost, highly reliable 3D LiDAR solutions. Through Quanergy's smart LiDAR solutions, businesses can now leverage real-time, advanced 3D insights to transform their operations in a variety of industries including industrial automation, physical security, smart cities, smart spaces, and much more. Quanergy solutions are deployed by nearly 400 customers across the globe. For more information, please visit us at www.quanergy.com.

Additional Information and Where to Find It

In connection with the proposed transaction (the "Business Combination"), CCAC filed with the U.S. Securities and Exchange Commission (the "SEC") a registration statement on Form S-4 (as amended, the "Registration Statement") (File No. 333-257962), which includes the preliminary proxy statement/prospectus of CCAC. CCAC's stockholders and other interested persons are advised to read the Registration Statement and the preliminary proxy statement/prospectus which forms a part of the Registration Statement, as well as any amendments previously filed and to be filed, and the effective Registration Statement and the definitive proxy statement/prospectus and documents incorporated by reference therein filed in connection with the Business Combination when available, as these materials will contain important information about the parties to the Merger Agreement. After the registration statement is declared effective by the SEC, the definitive proxy statement/prospectus and other relevant documents will be mailed to the shareholders of CCAC as of the record date established for voting on the proposed business combination and will contain important information about the proposed business combination and related matters. Shareholders of CCAC and other interested persons are advised to read, when available, these materials (including any amendments or supplements thereto) and any other relevant documents in connection with CCAC's solicitation of proxies for the meeting of shareholders to be held to approve, among other things, the proposed business combination because they will contain important information about CCAC, Quanergy and the proposed business combination. Shareholders can also obtain copies of the preliminary proxy statement/prospectus, the definitive proxy statement/prospectus and other relevant materials in connection with the transaction without charge at the SEC's website at www.sec.gov or by directing a request to: CITIC Capital Acquisition Corp., 28/F CITIC Tower, 1 Tim Mei Avenue, Central, Hong Kong, Attention: Fanglu Wang, telephone: +852 3710 6888.

Participants in the Solicitation

CCAC, Quanergy and their respective directors and executive officers may be deemed participants in the solicitation of proxies from CCAC's shareholders in connection with

the proposed business combination. CCAC's shareholders and other interested persons may obtain, without charge, more detailed information regarding the directors and officers of CCAC, including their ownership of CCAC's securities in the Registration Statement. Information regarding the persons who may, under SEC rules, be deemed participants in the solicitation of proxies to CCAC's shareholders in connection with the proposed business combination are set forth in the Registration Statement, which includes the preliminary proxy statement/prospectus of CCAC. Additional information regarding the interests of participants in the solicitation of proxies in connection with the proposed business combination are included in the Registration Statement, which includes the proxy statement/prospectus that CCAC filed with the SEC. You may obtain free copies of these documents as described in the preceding paragraph.

No Offer or Solicitation

This press release is not a proxy statement or solicitation of a proxy, consent or authorization with respect to any securities or in respect of the potential transaction and shall not constitute an offer to sell or a solicitation of an offer to buy the securities of CCAC or Quanergy, nor shall there be any sale of any such securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of such state or jurisdiction. No offer of securities shall be made except by means of a prospectus meeting the requirements of Section 10 of the Securities Act.

Forward-Looking Statements

This press release includes certain statements that are not historical facts but are forward-looking statements for purposes of the safe harbor provisions under the United States Private Securities Litigation Reform Act of 1995. Forward-looking statements generally are accompanied by words such as "believe," "may," "will," "estimate," "continue," "anticipate," "intend," "expect," "should," "would," "plan," "predict," "potential," "seem," "seek," "future," "outlook," "project," "anticipate," "will likely result" and similar expressions that predict or indicate future events or trends or that are not statements of historical matters. All statements, other than statements of present or historical fact included in this press release, including Quanergy's OPA's suitability for high manufacturing scale automotive applications, OPA's potential adoption for industrial automation and automotive applications, CCAC's ability to consummate the proposed business combination, anticipated timing of the proposed business combination, and the combined company's future products are forward-looking statements. These statements are based on various assumptions, whether or not identified in this press release, and on the current expectations of the respective management of CCAC and Quanergy and are not predictions of actual performance. These forward-looking statements are provided for illustrative purposes only and are not intended to serve as, and must not be relied on as, a guarantee, an assurance, a prediction or a definitive statement of fact or probability. Actual events and circumstances are difficult or impossible to predict and will differ from assumptions. Many actual events and circumstances are beyond the control of CCAC or Quanergy. Potential risks and uncertainties that could cause the actual results to differ materially from those expressed or implied by forward-looking

statements include, but are not limited to, changes in domestic and foreign business, market, financial, political and legal conditions; the inability of the parties to successfully or timely consummate the proposed business combination, including the risk that any regulatory approvals are not obtained, are delayed or are subject to unanticipated conditions that could adversely affect the combined company or the expected benefits of the proposed business combination or that the approval of the shareholders of CCAC or Quanergy is not obtained; the inability to complete the PIPE offering in connection with the business combination; failure to realize the anticipated benefits of the proposed business combination; risk relating to the uncertainty of the projected financial information with respect to Quanergy; the amount of redemption requests made by CCAC's shareholders; the overall level of consumer demand for Quanergy's products; general economic conditions and other factors affecting consumer confidence, preferences, and behavior; disruption and volatility in the global currency, capital, and credit markets; the ability to maintain the listing of Quanergy's securities on the New York Stock Exchange; the financial strength of Quanergy's customers; Quanergy's ability to implement its business strategy; changes in governmental regulation, Quanergy's exposure to litigation claims and other loss contingencies; disruptions and other impacts to Quanergy's business, as a result of the COVID-19 global pandemic and government actions and restrictive measures implemented in response; stability of Quanergy's suppliers, as well as consumer demand for its products, in light of disease epidemics and health-related concerns such as the COVID-19 global pandemic; the impact that global climate change trends may have on Quanergy and its suppliers and customers; Quanergy's ability to protect patents, trademarks and other intellectual property rights; any breaches of, or interruptions in, Quanergy's information systems; fluctuations in the price, availability and quality of electricity and other raw materials and contracted products as well as foreign currency fluctuations; Quanergy's ability to utilize potential net operating loss carryforwards; changes in tax laws and liabilities, tariffs, legal, regulatory, political and economic risks. The foregoing list of potential risks and uncertainties is not exhaustive. More information on potential factors that could affect CCAC's or Quanergy's financial results is included from time to time in CCAC's public reports filed with the SEC, including its Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, and Current Reports on Form 8-K as well as the other documents CCAC has filed, or will file, with the SEC, including the final amended registration statement on Form S-4 that will include proxy statements/prospectus that CCAC will file with the SEC in connection with CCAC's solicitation of proxies for the meeting of shareholders to be held to approve, among other things, the proposed business combination. If any of these risks materialize or CCAC's or Quanergy's assumptions prove incorrect, actual results could differ materially from the results implied by these forward-looking statements. There may be additional risks that neither CCAC nor Quanergy presently know, or that CCAC and Quanergy currently believe are immaterial, that could also cause actual results to differ from those contained in the forward-looking statements. In addition, forward-looking statements reflect CCAC's and Quanergy's expectations, plans or forecasts of future events and views as of the date of this press release. Neither CCAC nor Quanergy gives assurance that either CCAC or Quanergy, or the combined company, will achieve its expectations. CCAC and Quanergy anticipate that subsequent events and developments will cause their assessments to change.

However, while CCAC and Quanergy may elect to update these forward-looking statements at some point in the future, CCAC and Quanergy specifically disclaim any obligation to do so, except as required by law. These forward-looking statements should not be relied upon as representing CCAC's or Quanergy's assessments as of any date subsequent to the date of this press release. Accordingly, undue reliance should not be placed upon the forward-looking statements.

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