



Press Release

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ID Quantique honored by 2020 Laser Focus World Innovators Awards

ID Quantique’s newest Near Infrared (NIR) single-photon detector, the ID Qube, gets the highest level of recognition by Laser Focus World Innovators Awards program. Complex measurements made easy: the ID Qube is a series of modular and versatile NIR detectors, simple to set up and use, featuring unrivalled detection performance in a very compact format to achieve time resolved single-photon detection.

ID Quantique, the world leader in Quantum-Safe security and Single-Photon Systems announced today that its newest single photon detector, of a size of a Rubik’s cube, the ID Qube Series was recognized among the best by the 2020 Laser Focus World Innovators Awards. An esteemed and experienced panel of judges from the optics and photonics community recognized ID Quantique as a Gold honoree.

The ID Qube Series is a comprehensive range of modular and versatile single-photon detectors designed to meet the requirements of photon counting applications, such as quantum communications & Quantum Key Distribution (QKD), LiDAR, Fluorescence lifetime measurements, dynamic light scattering and many more. The ID Qube Series of detectors are plug-and-play, ultra-low noise and compact modules, designed to offer operation in both synchronous or asynchronous modes and to work with IDQ’s [ID900 Time Controller](#) picosecond timing electronics and software.

Key benefits of the ID Qube:

- Compact design
- Integrated photon counting capabilities
- Ultra-low dark count rate
- Dedicated software to control and monitor up to 8 ID Qube detectors
- Versatile – Free-running & gated modes (fast and/or slow gating)
- Free-space & fiber-coupled (SMF/MMF) options



Find out more about the [ID Qube NIR Gated](#)
Find out more about the [ID Qube NIR Free-Running](#)

“On behalf of the Laser Focus World Innovators Awards, I would like to congratulate ID Quantique on their Gold-level honoree status” said Laser Focus World Editor in Chief John Lewis. *“This competitive program allows Laser Focus World to celebrate and recognize the most innovative products impacting the photonics community this year.”*

“With the new ID Qube Series we are empowering quantum physics and quantum photonics researchers to take their research in quantum technologies to the next level” said Grégoire Ribordy, CEO and co-founder of ID Quantique. *“Our quantum technology provides the key building blocks to enable time-resolved single-photon detection based sensing for a broad range of applications leading to performance beyond conventional techniques.”*

Since 2001 ID Quantique provides [photon counting solutions](#) for the visible and near infrared regions of the optical spectrum, pulsed laser sources, counting & timing electronics and photonic sensing solutions for both industrial and research applications in various domains such as Quantum Physics, Communication, Bio and Material Sciences, Defence and Security, Trace Gas detection, etc. With 20 years of experience and from OEM to integrated solutions, IDQ’s range of products helps customers to solve complex scientific and industrial problems with state-of-the-art tools and instrumentation combined with real-world experience.

About Laser Focus World

Published since 1965, Laser Focus World has become the most trusted global resource for engineers, researchers, scientists, and technical professionals by providing comprehensive coverage of photonics technologies, applications, and markets. Laser Focus World reports on and analyzes the latest developments and significant trends in both the technology and business of photonics worldwide —and offers greater technical depth than any other publication in the field.

About ID Quantique

Founded in 2001 as a spin-off of the Group of Applied Physics of the University of Geneva, ID Quantique is the world leader in quantum-safe crypto solutions, designed to protect data for the future. The company provides quantum-safe network encryption, secure quantum key generation and Quantum Key Distribution solutions and services to the financial industry, enterprises and government organizations globally. IDQ’s quantum random number generator has been validated according to global standards and independent agencies, and is the reference in highly regulated and mission critical industries- such as security, encryption, critical infrastructure and IoT- where trust is paramount.

Additionally, IDQ is a leading provider of optical instrumentation products, most notably photon counters and related electronics. The company’s innovative photonic solutions are used in both commercial and research applications.

IDQ’s products are used by government, enterprise and academic customers in more than 60 countries and on every continent. IDQ is proud of its independence and neutrality, and believes in establishing long-term and trusted relationships with its customers and partners.

For more information, please visit www.idquantique.com.

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