

EXOSENS LAUNCHES ILUMOS RED 5G, ITS MOST ADVANCED INTENSIFIED-CMOS CAMERA TO DATE

PRESS RELEASE

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- Exosens announces the launch of the iLumos RED 5G camera, combining its new 5G image intensifier with advanced CMOS technology to deliver unmatched performance in night-vision imaging.
- Featuring a high-resolution sensor, the iLumos RED 5G camera offers exceptional efficiency and image precision in all lighting conditions.
- Specifically designed for Defense, Surveillance, and Homeland Security applications, the iLumos RED 5G delivers outstanding detection, recognition, and identification performance with easy system integration.

Exosens, a high-tech company focused on providing mission and performance-critical amplification, detection and imaging technology, announces the launch of the **iLumos RED 5G camera**, a next-generation intensified-CMOS camera that sets a new benchmark for night vision performance.

Building on the proven legacy of the renowned **iNocturn platform**, the iLumos RED 5G camera represents the next evolution in intensified imaging, integrating Exosens' recently launched **5G image intensifier tube**. This combination delivers a significant leap forward in sensitivity, high resolution, and dynamic range, offering **outstanding image quality** in the darkest environments.

Engineered for demanding **defense, surveillance, and homeland security** applications, the iLumos RED 5G camera achieves unmatched **DRI (Detection, Recognition, Identification)** capabilities - enabling detection, recognition, and clear identification, depending on scene conditions and optics. Its advanced on-board image processing, including **adaptive denoising and discintillation algorithms**, ensures sharp and stable imagery across rapidly changing light levels. Featuring high-resolution 2048×2048 pixels, a standard C-mount lens interface, and versatile 16-bit video outputs including DV, CL, UVC, MIPI, and SDI, the iLumos RED 5G combines imaging precision with seamless integration. With a low power consumption of just 3.3 W, it's optimized for efficient, high-performance deployment.

"With the iLumos RED 5G camera, we've reached a new milestone in intensified-CMOS imaging," said **Paul Ryckaert**, Executive GM of Exosens' Advanced Imaging business unit. "By combining our 5G tube technology with next-generation CMOS sensors, we offer system integrators an exceptional balance of performance, compactness, and energy efficiency."

Backed by **decades of expertise** in intensified imaging, and trusted worldwide for its **field-proven intensified cameras** used in defense and security systems, Exosens continues to drive innovation in night vision technology. Manufactured and designed entirely in the European Union and a commitment to quality and reliability, the iLumos RED 5G establishes a new reference point for high-performance, low-light imaging solutions.

ABOUT EXOSENS:

Exosens is a high-tech company, with more than 85 years of experience in the innovation, development, manufacturing and sale of high-end electro-optical technologies in the field of amplification, detection and imaging. Today, it offers its customers detection components and solutions such as travelling wave tubes, advanced cameras, neutron & gamma detectors, instrument detectors and light intensifier tubes. This allows Exosens to respond to complex issues in extremely demanding environments by offering tailor-made solutions to its customers. Thanks to its sustained investments, Exosens is internationally recognized as a major innovator in optoelectronics, with production and R&D carried out on 12 sites, in Europe and North America and with over 1,800 employees.

Exosens is listed on compartment A of the regulated market of Euronext Paris (Ticker: EXENS – ISIN: FR001400Q9V2). Exosens is a member of Euronext Tech Leaders segment and is also included in several indices, including the SBF 120, CAC All-Tradable, CAC Mid 60, FTSE Total Cap and MSCI France Small Cap.

For more information: exosens.com

Media relation:

Brunswick Group – exosens@brunswickgroup.com

Laetitia Quignon, + 33 6 83 17 89 13

Nicolas Buffenoir, + 33 6 31 89 36 78

Forward-looking statements

Certain information included in this press release are not historical facts but are forward-looking statements. These forward-looking statements are based on current beliefs, expectations and assumptions, including, without limitation, assumptions regarding present and future business strategies and the environment in which Exosens operates, and involve known and unknown risks, uncertainties and other factors, which may cause actual results, performance or achievements to be materially different from the forward-looking statements included in this press release. These risks include those described in chapter 3 of Exosens' registration document approved by the French *Autorité des marchés financiers* under number I.24-0010 on 22 May 2024.