

Harness the power of single-molecule detection at your finger tips

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ONI has created the world's first desktop super-resolution microscopy for single-molecule imaging. The Nanoimager, our compact and affordable state-of-the-art microscope, offers quantitative analysis for super-resolution microscopy (dSTORM and PALM), single-particle tracking and single-molecule FRET. The Nanoimager provides unrivalled stability and flexibility to work in any lab environment, there is no need for a dark room or optical table, and it can even be used inside a biosafety cabinet.

With its high sensitivity and integrated workflow, the Nanoimager is helping researchers address a wide range of biological questions, from characterizing protein complexes to localizing and tracking single molecules, vesicles or viral particles.

At ONI, we aim to make super-resolution fluorescence microscopy easier and widely available to the scientific community. Our multi-disciplinary team of life scientists, microscopy experts, data scientists, software and mechanical engineers, is working with scientists around the world to revolutionize the way nanometric structures and molecules are studied, and further advance pathology diagnostics, therapy development and biomedical discovery overall. During this talk we will introduce the Nanoimager, its new features and highlight many of its applications.