
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16
UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of April 2024

Commission File Number: 001-39461

NANO-X IMAGING LTD

Ofer Tech Park
94 Shlomo Shmeltzer Road
Petach Tikva
Israel 4970602
(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Form 40-F

On April 22, 2024, NANO-X IMAGING LTD (the “Company”) issued a press release, a copy of which is attached hereto as Exhibit 99.1 and incorporated herein by reference.

The information contained in this report is hereby incorporated by reference into the Registration Statement on [Form S-8](#) (File No. 333-248322) and the Registration Statement on [Form F-3](#) (File No. 333-271688).

EXHIBIT INDEX

| Exhibit No. | Exhibit |
|--------------------|---|
| 99.1 | Press release, dated April 22, 2024 |

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

NANO-X IMAGING LTD

By: /s/ Ran Daniel

Name: Ran Daniel

Title: Chief Financial Officer

Date: April 22, 2024

Nanox Files 2023 Annual Report on Form 20-F

PETACH TIKVA, Israel--(BUSINESS WIRE)—April 22, 2024-- NANO-X IMAGING LTD (“Nanox” or the “Company,” Nasdaq: NNOX), an innovative medical imaging technology company, today announced that it has filed its annual report on Form 20-F for the fiscal year ended December 31, 2023, with the U.S. Securities and Exchange Commission (“SEC”) on April 22, 2024. The annual report on Form 20-F, which contains the Company’s audited consolidated financial statements, can be accessed on the SEC’s website at <https://www.sec.gov/> and on the Company’s website at <https://www.nanox.vision/> under “Financials” in the Investors section.

The Company will provide a hard copy of its annual report containing its audited consolidated financial statements, free of charge, to its shareholders upon request. Requests should be directed to Investor Relations, at IR@nanox.vision.

About Nanox

Nanox (NASDAQ: NNOX) is focused on applying its proprietary medical imaging technology and solutions to make diagnostic medicine more accessible and affordable across the globe. Nanox’s vision is to increase access, reduce costs and enhance the efficiency of routine medical imaging technology and processes, in order to improve early detection and treatment, which Nanox believes is key to helping people achieve better health outcomes, and, ultimately, to save lives. The Nanox ecosystem includes Nanox.ARC— a multi-source Digital Tomosynthesis system that is cost-effective and user-friendly; an AI-based suite of algorithms that augment the readings of routine CT imaging to highlight early signs often related to chronic disease (Nanox.AI); a cloud-based infrastructure (Nanox.CLOUD); and a proprietary decentralized marketplace, through Nanox’s subsidiary, USARAD Holdings Inc., that provides remote access to radiology and cardiology experts; and a comprehensive teleradiology services platform (Nanox.MARKETPLACE). Together, Nanox’s products and services create a worldwide, innovative, and comprehensive solution that connects medical imaging solutions, from scan to diagnosis. For more information, please visit www.nanox.vision.

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