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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 December 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 ☐

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On December 10, 2024, Nano-X Imaging Ltd. (the "**Company**") held its Annual General Meeting of Shareholders at the Company's offices at Ofer Tech Park, 94 Shlomo Shmeltzer Road, Petach Tikva, Israel (the "**Meeting**"). At the Meeting, the shareholders voted on and approved, by the applicable required majority, each of the proposals that were described in the Company's Notice and Proxy Statement for the Meeting that was attached as Exhibit 99.1 to a Report on [Form 6-K](#) furnished by the Company to the U.S. Securities and Exchange Commission on October 29, 2024.

The contents of Exhibit 99.1 to this Form 6-K are incorporated by reference into the registration statements on [Form F-3](#) (File No. 333-271688) and on [Form S-8](#) (File No. 333-248322) of the Company, filed with the Securities and Exchange Commission, to be a part thereof from the date on which this report is submitted, to the extent not superseded by documents or reports subsequently filed or furnished.

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SIGNATURE

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  
(Registrant)

Date: December 13, 2024

By: /s/ Ran Daniel  
Ran Daniel  
Chief Financial Officer

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