
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

SCHEDULE 13G

**Under the Securities Exchange Act of 1934
(Amendment No.)***

Nano-X Imaging Ltd.
(Name of Issuer)

Ordinary shares
(Title of Class of Securities)

M70700105
(CUSIP Number)

December 31, 2020
(Date of Event Which Requires Filing of this Statement)

Check appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 (the "Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

1	NAME OF REPORTING PERSON SK Telecom Co., Ltd.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Republic of Korea	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 4,869,909
	6	SHARED VOTING POWER 0
	7	SOLE DISPOSITIVE POWER 4,869,909
	8	SHARED DISPOSITIVE POWER 0
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 4,869,909 (1)	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 10.2% (2)	
12	TYPE OF REPORTING PERSON CO	

- (1) Consists of (a) 2,607,466 ordinary shares and (b) warrants to purchase 2,262,443 ordinary shares held by SK Telecom TMT Investment Corp., a wholly owned subsidiary of SK Telecom Co., Ltd.
- (2) Based on the quotient obtained by dividing: (a) the aggregate number of shares beneficially owned by the Reporting Person (as defined below) as set forth in Row 9 by (b) the sum of (i) 45,567,848 ordinary shares outstanding as of September 30, 2020, as disclosed in the Current Report on Form 6-K furnished by Nano-X Imaging Ltd. (the "Issuer") to the United States Securities and Exchange Commission ("SEC") on November 9, 2020 and (ii) warrants to purchase 2,262,443 ordinary shares beneficially owned by the Reporting Person.

1	NAME OF REPORTING PERSON SK Telecom TMT Investment Corp.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	5	SOLE VOTING POWER 4,869,909
	6	SHARED VOTING POWER 0
	7	SOLE DISPOSITIVE POWER 4,869,909
	8	SHARED DISPOSITIVE POWER 0
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Item 1.

- (a) Name of Issuer:
Nano-X Imaging Ltd.
- (b) Address of Issuer's Principal Executive Offices:
Communications Center,
Neve Ilan, Israel 9085000

Item 2.

- (a) Name of Person Filing:
This Schedule 13G is being filed jointly by SK Telecom Co., Ltd. ("SKT") and SK Telecom TMT Investment Corp. ("SKT TMT") (each, a "Reporting Person").
SKT TMT is a wholly owned subsidiary of SKT. SKT may be deemed to have sole voting and dispositive power with respect to the shares held by SKT TMT.
- (b) Address of Principal Business Office:
The address of the principal business office of SKT is 65, Eulji-ro, Jung-gu, Seoul, Korea.
The address of the principal business office of SKT TMT is 55 East 59th Street, 10th Floor, New York, NY 10022.
- (c) Citizenship:
SKT is a corporation incorporated under the laws of the Republic of Korea.
SKT TMT is a Delaware corporation.
- (d) Title of Class of Securities:
Ordinary shares
- (e) CUSIP Number:
M70700105

Item 3. If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a:

Not applicable.

Item 4. Ownership.

- (a) Amount Beneficially Owned:
See Row 9 of cover page for each Reporting Person.
- (b) Percent of Class:
See Row 11 of cover page for each Reporting Person.
- (c) Number of shares as to which such person has:
- (i) sole power to vote or to direct the vote:
See Row 5 of cover page for each Reporting Person.
- (ii) shared power to vote or to direct the vote:
See Row 6 of cover page for each Reporting Person.

- (iii) sole power to dispose or to direct the disposition of:
See Row 7 of cover page for each Reporting Person.
- (iv) shared power to dispose or to direct the disposition of:
See Row 8 of cover page for each Reporting Person.

Item 5. Ownership of 5 Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More than 5 Percent on Behalf of Another Person.

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certifications.

Not applicable.

LIST OF EXHIBITS

<u>Exhibit No.</u>	<u>Description</u>
Exhibit 99.1	Joint Filing Agreement

SIGNATURES

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 11, 2021

SK TELECOM CO., LTD.

By: /s/ Joongsuk Oh

Name: Joongsuk Oh

Title: Senior Vice President

SK TELECOM TMT INVESTMENT CORP.

By: /s/ So Young Shin

Name: So Young Shin

Title: Chief Executive Officer

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) promulgated under the Securities Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with the other Reporting Person (as such term is defined in the Schedule 13G referred to below) on behalf of each of them of a statement on Schedule 13G (including amendments thereto) with respect to the ordinary shares of Nano-X Imaging Ltd., and that this agreement may be included as an exhibit to such joint filing. This agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument.

Date: February 11, 2021

SK TELECOM CO., LTD.

By: /s/ Joongsuk Oh

Name: Joongsuk Oh

Title: Senior Vice President

SK TELECOM TMT INVESTMENT CORP.

By: /s/ So Young Shin

Name: So Young Shin

Title: Chief Executive Officer