

**U.S. SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

FORM 8-A

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES
PURSUANT TO SECTION 12(b) OR 12(g) OF
THE SECURITIES EXCHANGE ACT OF 1934**

Semilux International Ltd.
(Exact Name of Registrant as Specified in Its Charter)

| | |
|--|---|
| Cayman Islands (Jurisdiction of Incorporation or Organization) | Not Applicable (I.R.S. Employer Identification No.) |
|--|---|

4F., No. 32, Keya Rd., Daya Dist.
Central Taiwan Science Park
Taichung City 42881
Taiwan
+886 04 2567 3281
(Address of Principal Executive Offices, including Zip Code)

Securities to be registered pursuant to Section 12(b) of the Act:

| Title of Each Class to be Registered | Name of Each Exchange on Which Each Class is to be Registered |
|--|--|
| Ordinary Shares, with par value \$0.0001 per share | The Nasdaq Stock Market LLC |

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c) or (e), please check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d) or (e), please check the following box.

If this form relates to the registration of a class of securities concurrently with a Regulation A offering, check the following box.

**Securities Act registration statement or Regulation A offering statement file number to which this form
relates: 333-275857**

Securities to be registered pursuant to Section 12(g) of the Act:
None.

Item 1. Description of Registrant's Securities to be Registered.

The securities to be registered hereby are ordinary shares, par value \$0.0001 per share (the "Ordinary Shares"), of Semilux International Ltd. (the "Company").

The description of the Ordinary Shares contained under the heading entitled "*Description of Securities — Securities of CayCo*" in the proxy statement/prospectus included in the Company's Registration Statement on Form F-4 (File No. 333-275857), as amended from time to time, (the "Registration Statement"), to which this Form 8-A relates, is incorporated herein by reference. In addition, the above-referenced descriptions included in any proxy statement/prospectus relating to the Registration Statement filed with the Commission pursuant to Rule 424(b) under the Securities Act of 1933, as amended, shall be deemed to be incorporated by reference herein.

The Ordinary Shares to be registered hereunder have been approved for listing on the Nasdaq Stock Market LLC under the symbol "SELX".

Item 2. Exhibits.

In accordance with the "Instructions as to Exhibits" with respect to Form 8-A, no exhibits are required to be filed herewith or incorporated by reference, because no other securities of the Registrant are registered on the Nasdaq Stock Market LLC and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereto duly authorized.

SEMILUX INTERNATIONAL LTD.

By: /s/ Yung-Peng Chang

Name: Yung-Peng Chang

Title: Chief Executive Officer

Dated: February 15, 2024