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: January 2020

Commission file number: 001-38094

FORESIGHT AUTONOMOUS HOLDINGS LTD. (Translation of registrant's name into English)

7 Golda Meir Ness Ziona 7414001 Israel
(Address of principal executive offices)

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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 □
Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulations S-T Rule 101(b)(1):
Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulations S-T Rule 101(b)(7):

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During March and April 2017, Foresight Autonomous Holdings Ltd. (the "Company") issued Series F warrants to purchase 19,033,159 Ordinary Shares ("Series F Warrants") with an exercise price of \$0.80 per Ordinary Share (approximately \$4.00 per American Depository Share), which were to expire on December 31, 2019.

On December 29, 2019, the Company's Board of Directors resolved to extend the expiration date of the Series F Warrants to June 30, 2020.

This Report of Foreign Private Issuer on Form 6-K of the Registrant is incorporated by reference into the Registrant's Registration Statements on Form F-3 (File No. 333-229715) and Form S-8 (Registration No. 333-229716) of the Registrant, 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and Exchange Commission, to be a part thereof from the date on which this report is submitted, to the extent not superseded by documents or reports subsequently filed or furnished.

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.

> Foresight Autonomous Holdings Ltd. (Registrant)

By: /s/ Eli Yoresh
Name: Eli Yoresh

Title: Chief Financial Officer

Date: January 3, 2020