

Mobileye N.V.
Form 6-K
February 22, 2017

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 6-K

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

For the month of February 2017

Commission File No. 001-36566

Mobileye N.V.

(Translation of registrant's name into English)

Har Hotzvim

13 Hartom Street

PO Box 45157

Jerusalem 9777513, Israel

(Address of Principal Executive Offices)

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 whether the registrant by furnishing the information contained in this form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes **No**

On February 22, 2017, Mobileye N.V. issued a press release announcing its earnings for the fourth quarter of 2016 and the full year.

A copy of the press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Exhibit No. Description of Exhibit

99.1 Press release dated February 22, 2017.

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.

Dated: February 22, 2017

MOBILEYE N.V.

By: /s/ Ofer Maharshak
Ofer Maharshak
Chief Financial Officer