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

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**FORM 8-A**

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

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**Allot Communications Ltd.**

(Exact name of registrant as specified in its charter)

**Israel**  
(State or Other Jurisdiction of  
Incorporation or Organization)

**Not Applicable**  
(I.R.S. Employer  
Identification No.)

**22 Hanagar Street**  
**Neve Ne'eman Industrial Zone B**  
**Hod-Hasharon 45240**  
**Israel**

**45240**  
(Zip Code)

(Address of Principal Executive Offices)

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

Title of Each Class  
to be so Registered

Name of Each Exchange on Which  
Each Class is to be Registered

**Ordinary Shares, par value NIS 0.10 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 upon filing pursuant to  
General Instruction A.(c), 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), check the following box.

Securities Act registration statement file number to which this form relates: **333-138313**

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

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## INFORMATION REQUIRED IN REGISTRATION STATEMENT

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

A description of the ordinary shares of Allot Communications Ltd. (the "Registrant") is set forth under the heading "Description of Share Capital" in the prospectus forming part of Registrant's Registration Statement on Form F-1 (File No. 333-138318), as amended from time to time (the "Registration Statement"), filed with the Securities and Exchange Commission, which information is incorporated by reference herein. The final prospectus will be filed pursuant to Rule 424(b) under the Securities Act of 1933, as amended, and, upon filing, shall be deemed to be incorporated herein by reference.

### Item 2. Exhibits.

The following exhibits to this registration statement have been filed as exhibits to the Registration Statement and are hereby incorporated herein by reference.

<u>No.</u>	<u>Description</u>
1.	Memorandum of Association of the Registrant (incorporated by reference to Exhibit 3.1 of the Registration Statement).
2.	Form of Articles of Association of the Registrant (incorporated by reference to Exhibit 3.3 of the Registration Statement).
3.	Specimen Ordinary Share Certificate (incorporated by reference to Exhibit 4.1 of the Registration Statement).

**SIGNATURE**

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

ALLOT COMMUNICATIONS LTD.

Date: November 2, 2006

By: /s/ Adi Sapir

Name: Adi Sapir

Title: Chief Financial Officer

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