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

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**FORM 8-K**

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**CURRENT REPORT  
Pursuant to Section 13 or 15(d)  
of the Securities Exchange Act of 1934**

**Date of Report (date of earliest event reported): August 27, 2018**

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**QUANTENNA COMMUNICATIONS, INC.  
(Exact name of registrant as specified in its charter)**

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**Delaware  
(State or other jurisdiction  
of incorporation)**

**001-37927  
(Commission  
File No.)**

**33-1127317  
(IRS Employer  
Identification Number)**

**1704 Automation Parkway  
San Jose, California 95131  
(Address of principal executive offices)**

**(669) 209-5500  
(Registrant's telephone number, including area code)**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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**ITEM 5.02      Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.**

***Director Resignation***

- (b)      On August 27, 2018, Mr. Edward Frank resigned as a member of the Board of Directors of Quantenna Communications, Inc. Mr. Frank resigned due to other commitments.
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**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 hereunto duly authorized.

Date: August 31, 2018

**QUANTENNA COMMUNICATIONS, INC.**

By: /s/ Tom MacMitchell

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Tom MacMitchell  
General Counsel