

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

**FORM 8-A**

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

**CyrusOne Inc.**

(Exact Name of Registrant as Specified in its Charter)

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

**46-0691837**  
(IRS Employer  
Identification No.)

**1649 West Frankford Road**  
**Carrollton, TX 75007**  
(Address of Principal Executive Office) (Zip Code)

**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
<b>Common Stock, par value \$0.01 per share</b>	<b>The NASDAQ Stock Market LLC</b>

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), 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: 333-183132

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

---

**ITEM 1 – DESCRIPTION OF REGISTRANT’S SECURITIES TO BE REGISTERED**

CyrusOne Inc. (the “Registrant”) hereby incorporates by reference herein the description of its common stock, par value \$0.01 per share, to be registered hereunder, set forth under the heading “Description of Securities” in the Registrant’s prospectus forming part of its Registration Statement on Form S-11 (File No. 333-183132), originally filed with the Securities and Exchange Commission pursuant to the Securities Act of 1933, as amended (the “Act”), on August 8, 2012, as thereafter amended and supplemented (the “Registration Statement”). Any form of prospectus subsequently filed by the Registrant with the Commission pursuant to Rule 424(b) under the Act that constitutes part of the Registration Statement and that includes such description, shall be deemed to be incorporated herein by reference.

**ITEM 2 – EXHIBITS**

Pursuant to the Instructions as to Exhibits for this registration statement on Form 8-A, no exhibits are required to be filed 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 the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, hereunto duly authorized.

**CYRUSONE INC.**

Date: January 17, 2013

By: /s/ Gary J. Wojtaszek

Gary J. Wojtaszek

President, Chief Executive Officer and Director