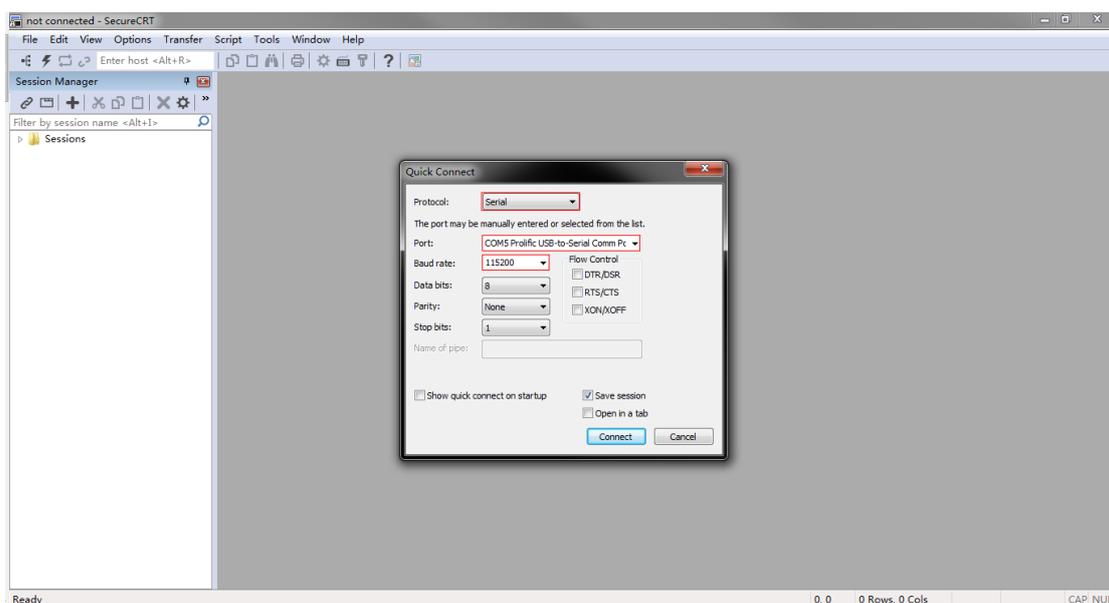| **Title:**	How to upgrade the device by serial port	**Version:**	v1.0	**Date:**	11/05/2018
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How to upgrade the device by serial port

(Non-CCTV)

1. Open SecureCRT.

2. Click the Quick Connect button to see the next page.
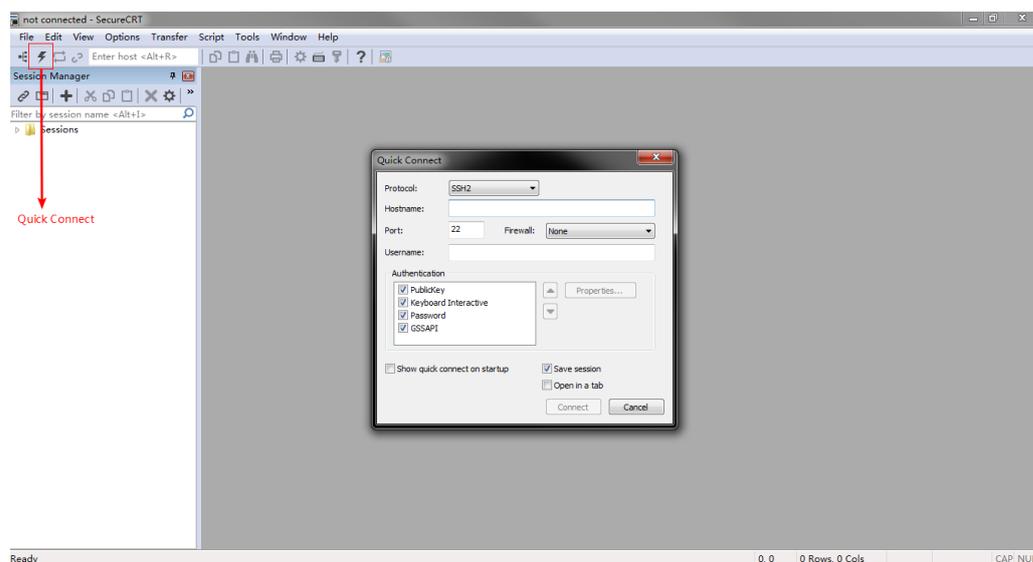
3. Setting Quick Connect.

a. Select Serial in Protocol

b. Select the port used by the serial port

(How to check your computer's port you can see in the 4th step)

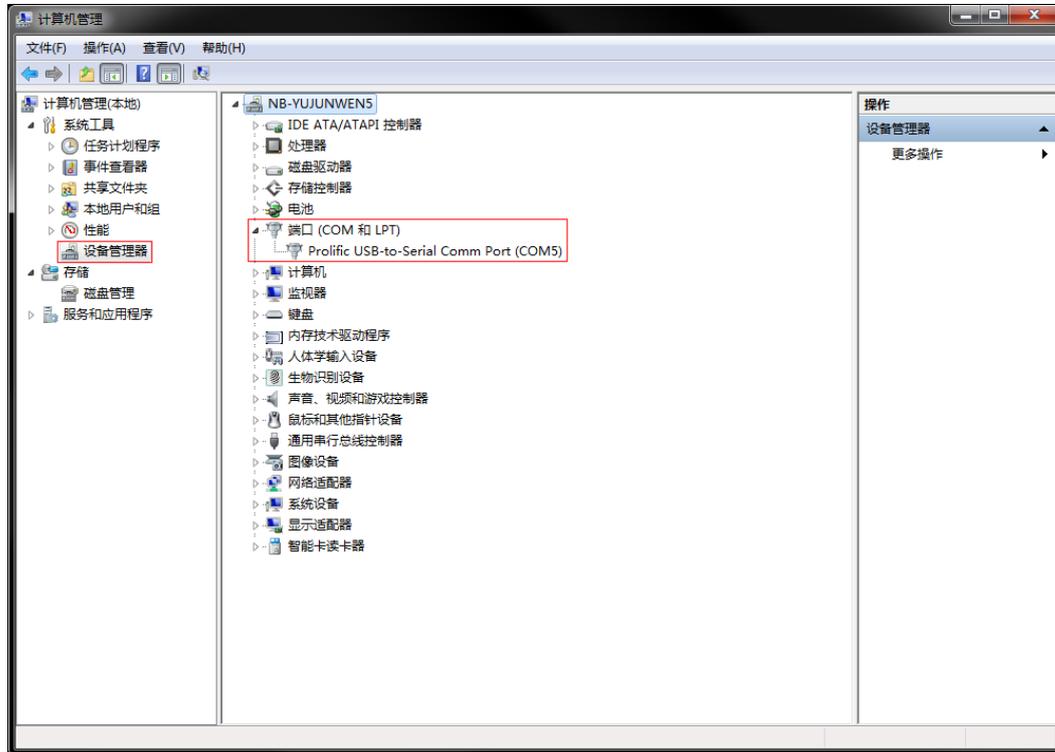c. Select 115200 in Baud rate

The remaining options remain default.

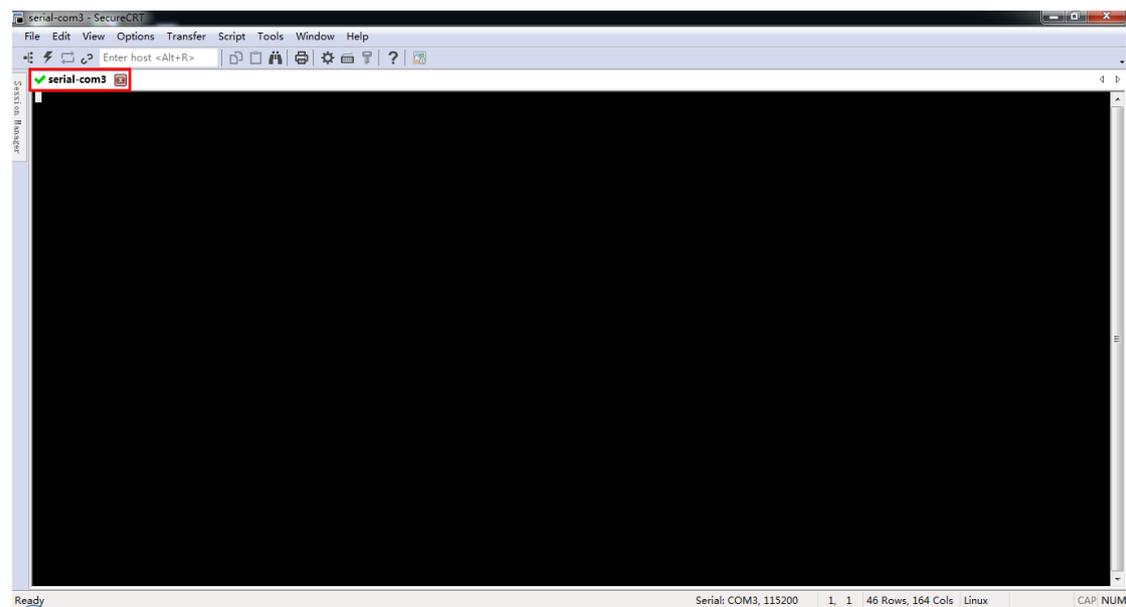| **Title:**	How to upgrade the device by serial port	**Version:**	v1.0	**Date:**	11/05/2018
Product:	Non-CCTV		**Page:**	2 of 6	

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4. This section shows how to view the ports that your computer uses.

Click the computer icon on the desktop, right-click and select Manage, enter the following interface.

Click, Device Manager, and then click the port to view.

5. In step 3, click Connect to enter the following interface

When a green hook is displayed, the connection is successful.

6. This section shows how to enter u-boot interface

a. Connect the serial cable to the machine (do not connect the power supply).

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b. Press the control and u of the keypad with your hand, and then power the machine. It will appear as shown below.
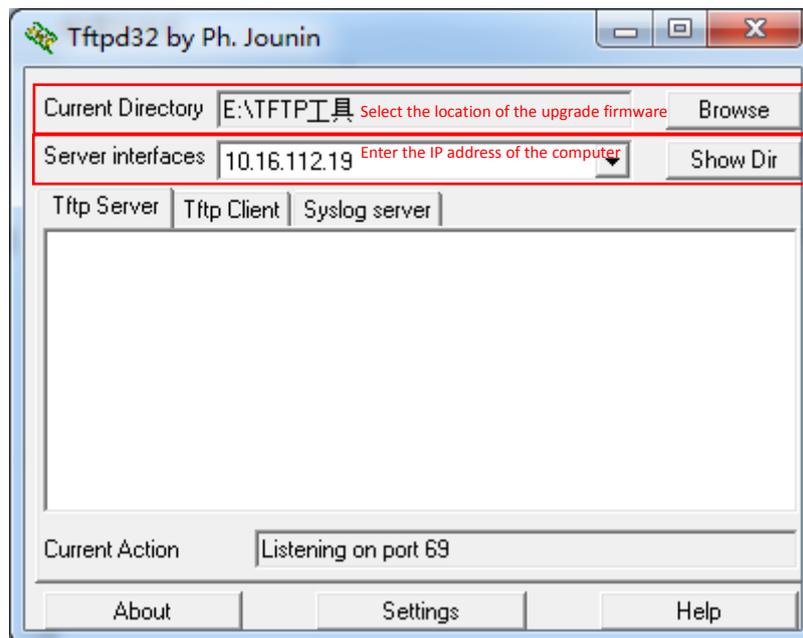

c. Enter u and click Enter.

d. In the 'input IP address of device', enter any IP address in the same network segment as the computer. In the 'input IP address of upgrade server', enter computer's IP address.

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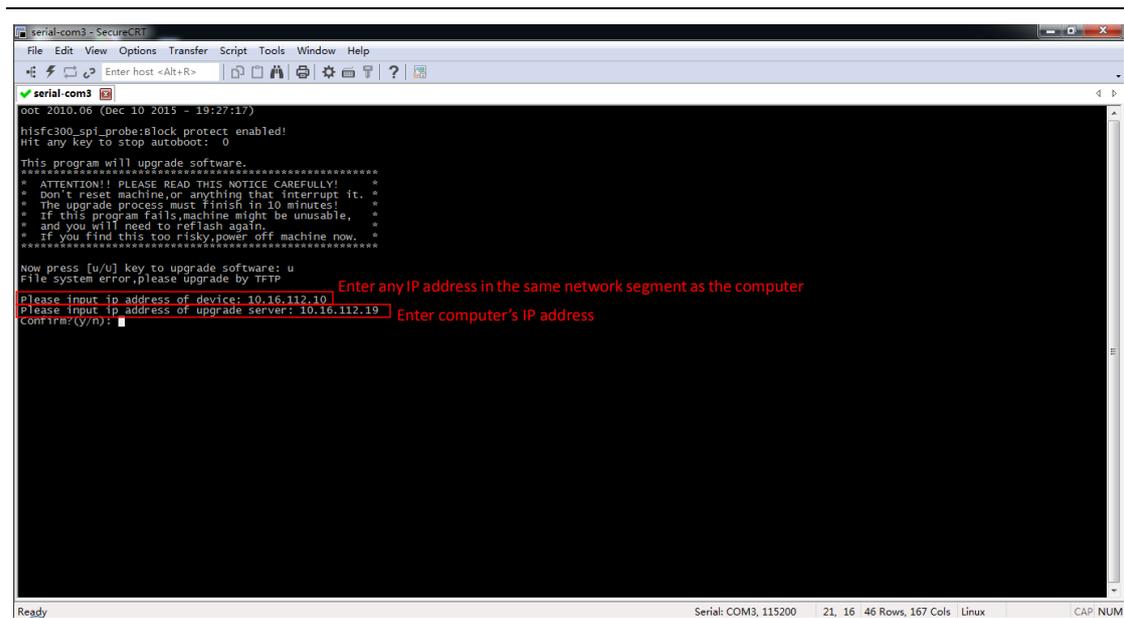
7. Open the TFTP tool

The first line selects the location of the upgrade firmware, and the second line enters the IP address of the computer.

8. Back to SecureCRT, enter y and click Enter.

Wait for prompt then click enter to reboot device.

9. Confirm that the device has been upgraded successfully.

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