

# **BC95-D** Firmware Upgrade User Guide

## **NB-IoT Module Series**

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# About the Document

## History

Revision	Date	Author	Description
1.0	2018-04-23	Janet YANG	Initial

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# 1 Introduction

This document mainly introduces how to use the UEUpdaterUI tool to upgrade the firmware via a main UART port for Quectel BC95-D module on Window 7 system.

## 2 Tool Installation

Customers need to install the “Microsoft .NET Framework” (4.5.2 version or later) on PC before using the UEUpdater tool.

### 2.1. Microsoft .NET Framework Installation

**Step 1:** Double-click the “microsoft.net framework 4.5.2.exe” to install the Microsoft .NET Framework.

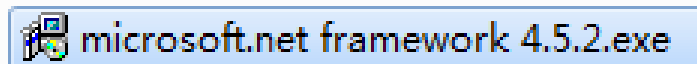


Figure 1: Microsoft .NET Framework Installation Package

**Step 2:** Wait until the following window shows up, and then click “I have read and accept the license terms.” and “Install” as shown below.

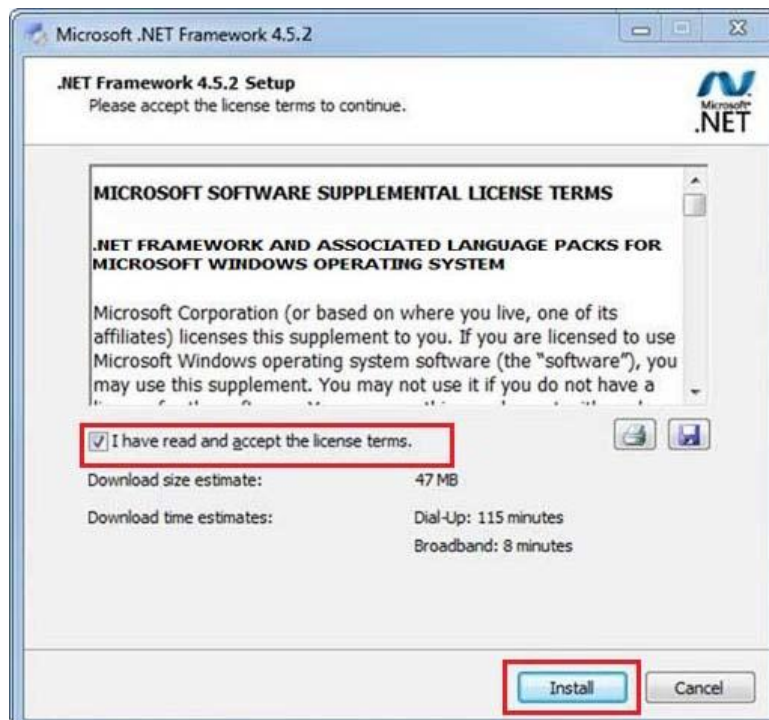
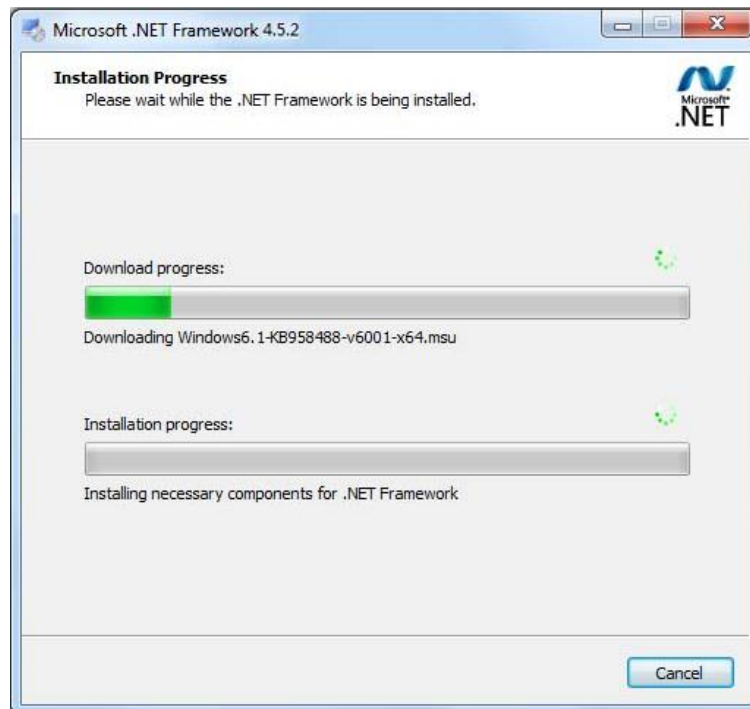


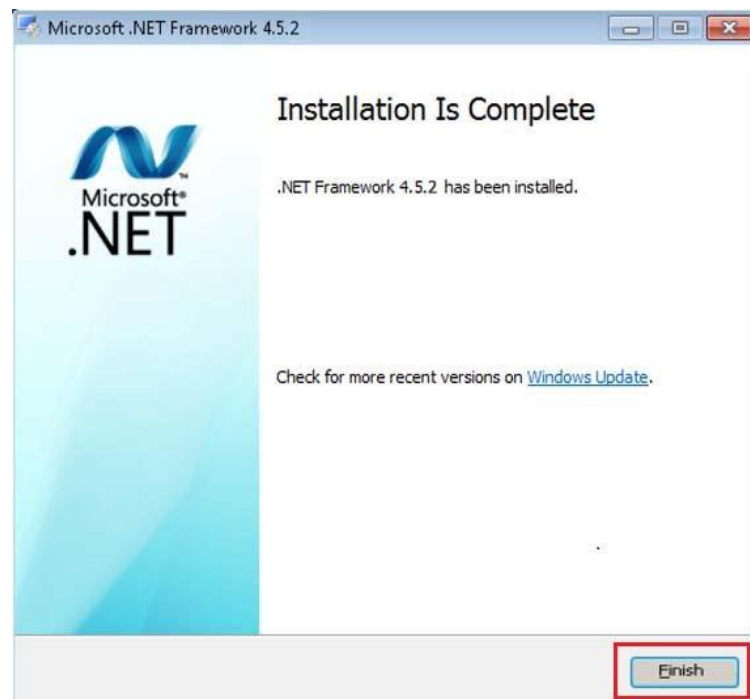
Figure 2: License Agreement for Microsoft .NET Framework Installation

Then please wait for the program to install.



**Figure 3: Microsoft .NET Framework is Installing**

**Step 3:** Click “**Finish**” to accomplish installation.



**Figure 4: Microsoft .NET Framework is Successfully Installed**



## 3 Firmware Upgrade

### 3.1. Firmware Upgrade via UEUpdaterUI

#### 3.1.1. Install UEUpdaterUI

**Step 1:** Double-click the “UEUpdaterUI-3.17.0.13.msi” to install the UEUpdaterUI.

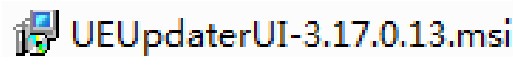


Figure 5: UEUpdaterUI Installation Package

**Step 2:** Wait until the following window shows up, and then click “Next”.

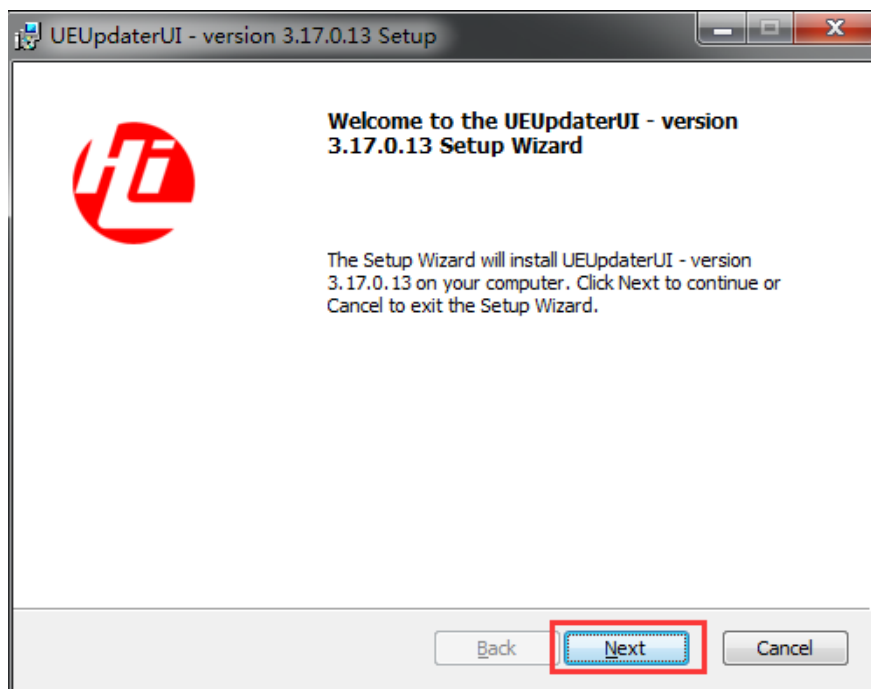
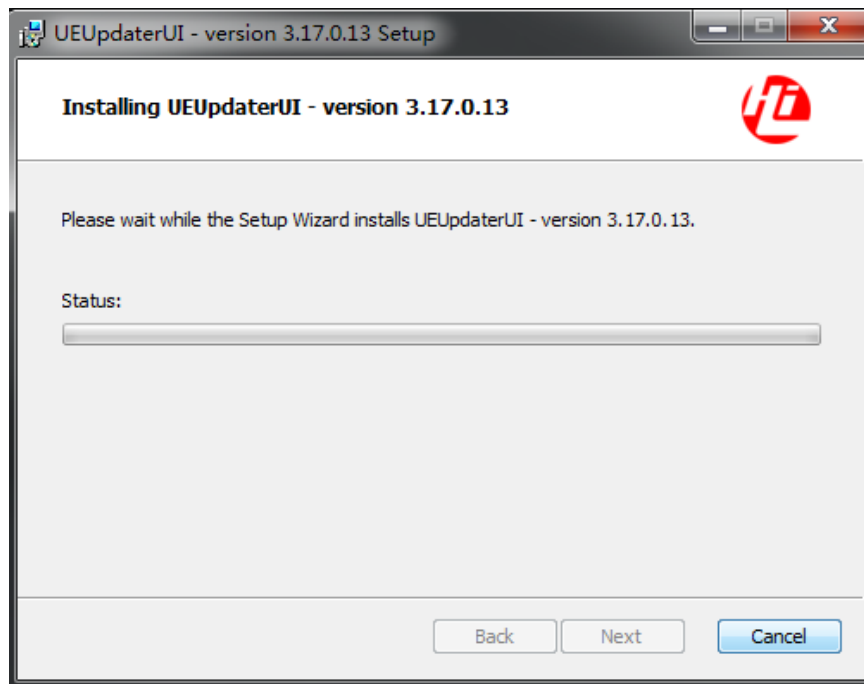


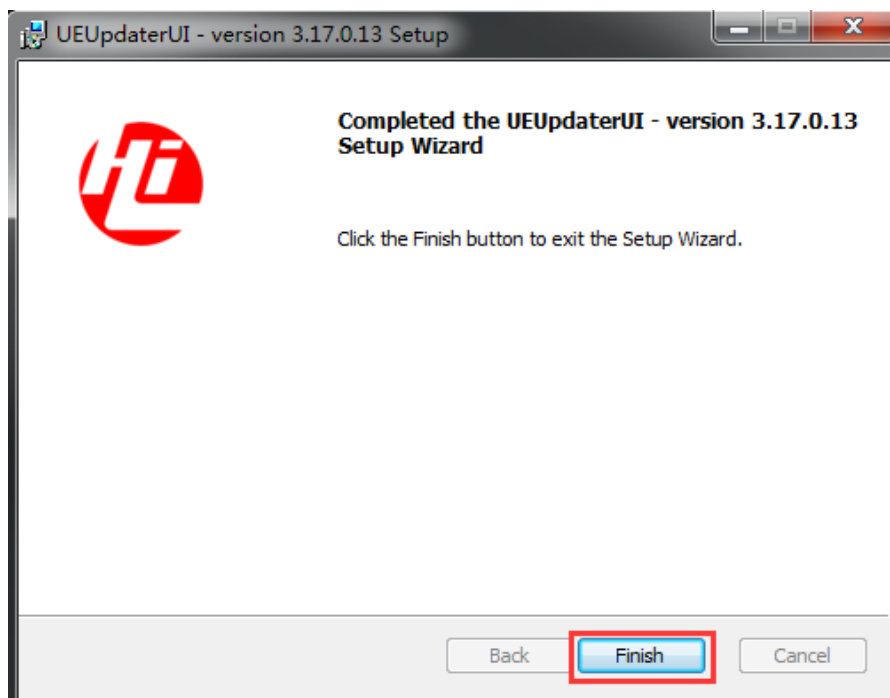
Figure 6: UEUpdaterUI Setup Wizard

Then please wait for the program to install.



**Figure 7: Wait while Installing UEUpdaterUI**

**Step 3:** Click **"Finish"** to accomplish installation. A shortcut will be automatically generated on the desktop.



**Figure 8: UEUpdaterUI is Successfully Installed**

### 3.1.2. Upgrade Firmware via UEUpdaterUI

**Step 1:** Double-click the desktop shortcut to open the UEUpdaterUI, then the UEUpdaterUI interface will be shown as below.

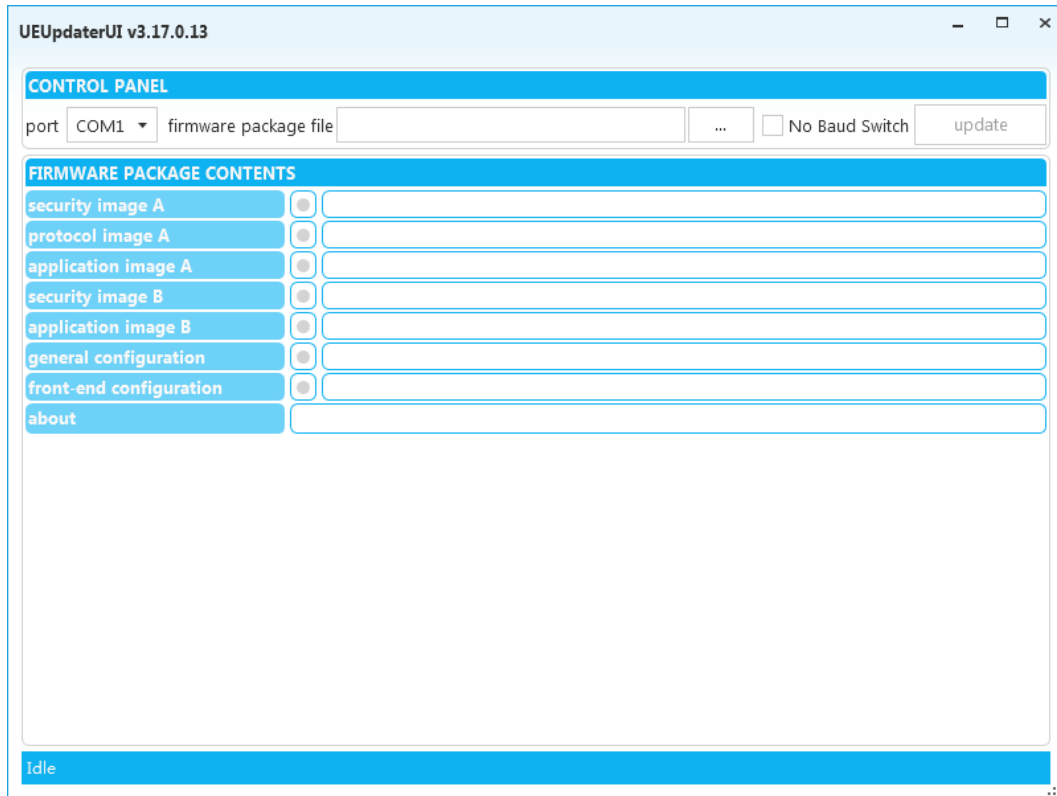


Figure 9: UEUpdaterUI Interface

**Step 2:** Select a main serial port to upgrade the firmware.

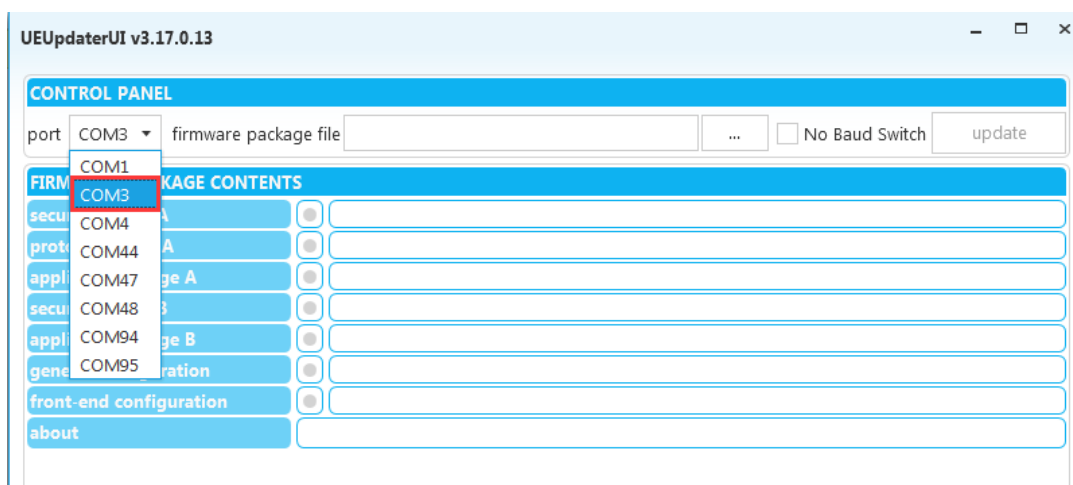
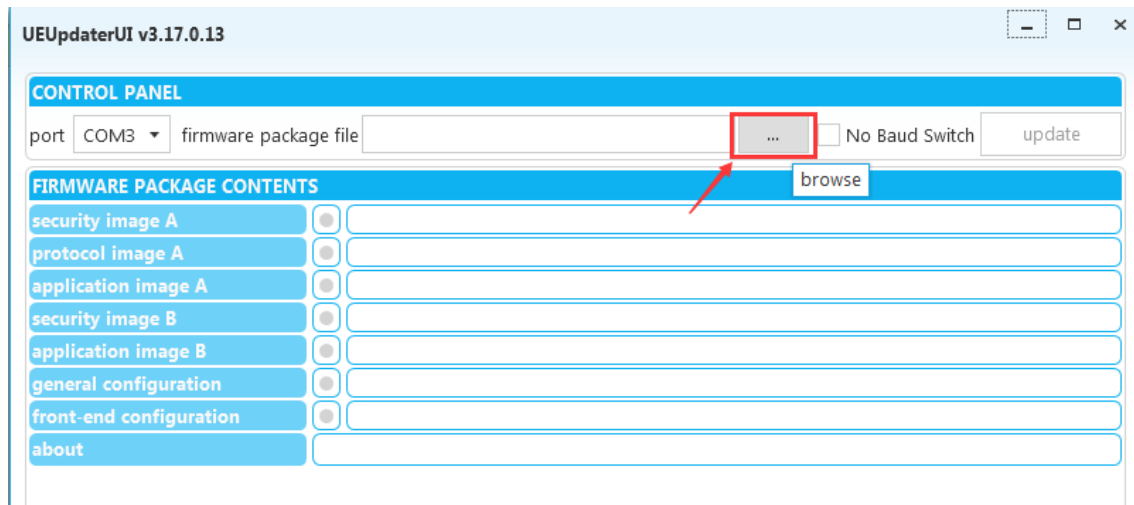


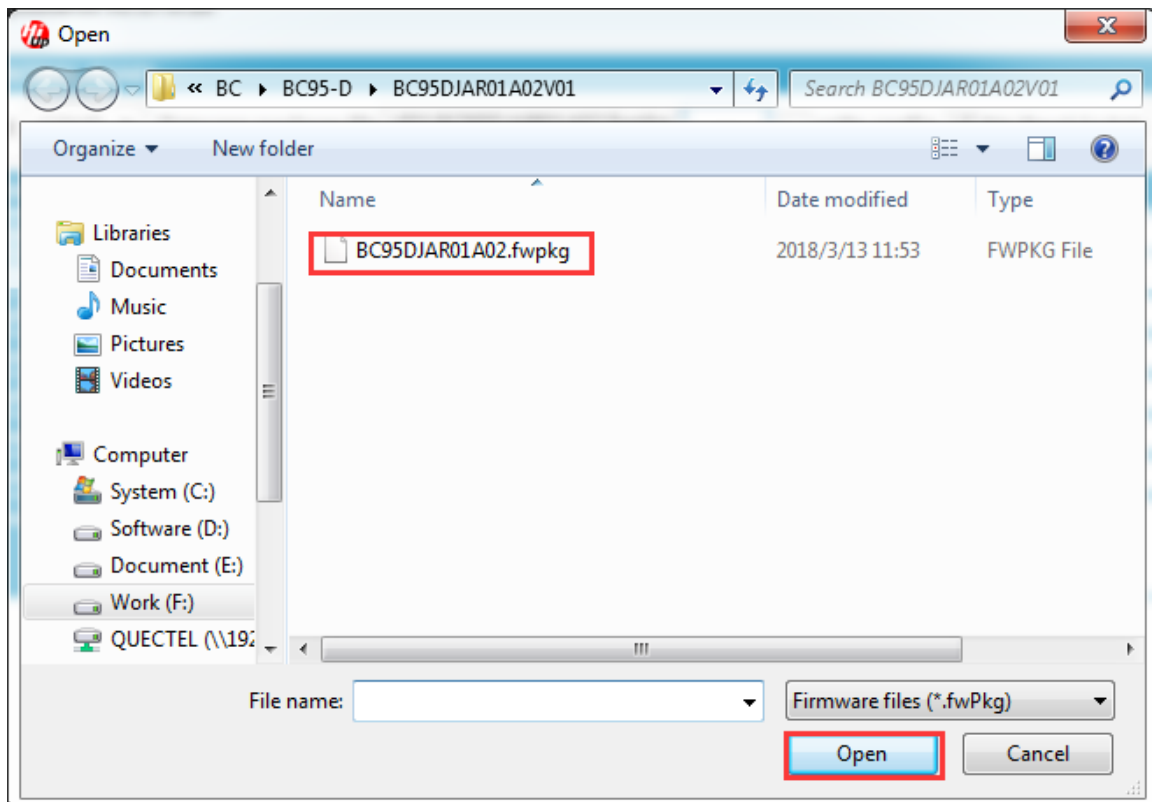
Figure 10: Select a Main Port to Upgrade

**Step 3:** Click the “**browse**” button to select the firmware package.



**Figure 11: Click Browse to Select the Firmware Package**

**Step 4:** Select the target firmware version in **.fwpkg** format and check the “**No Baud Switch**” option to ensure a more stable data communication. Then click the “**update**” button to start upgrading.



**Figure 12: Select the Target Firmware Version**

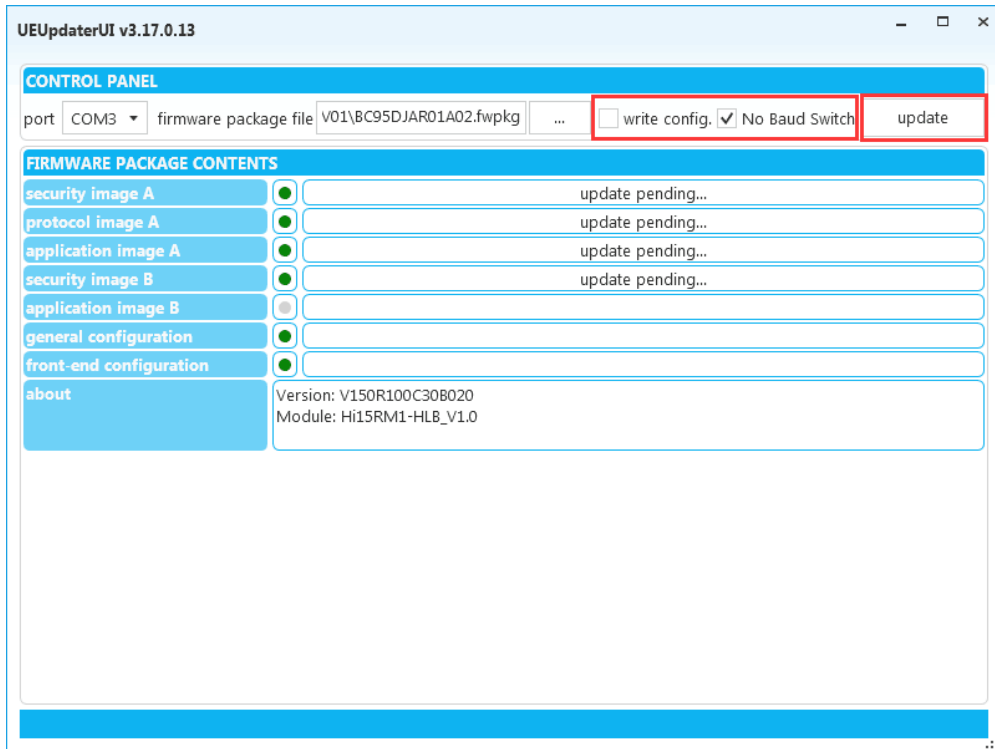


Figure 13: Check the “No Baud Switch” and Start Updating

**Step 5:** When "Waiting for UE to reboot to establish communication..." shows up, press “Reset” button on the module, or power off the module and then power on to restart the module.

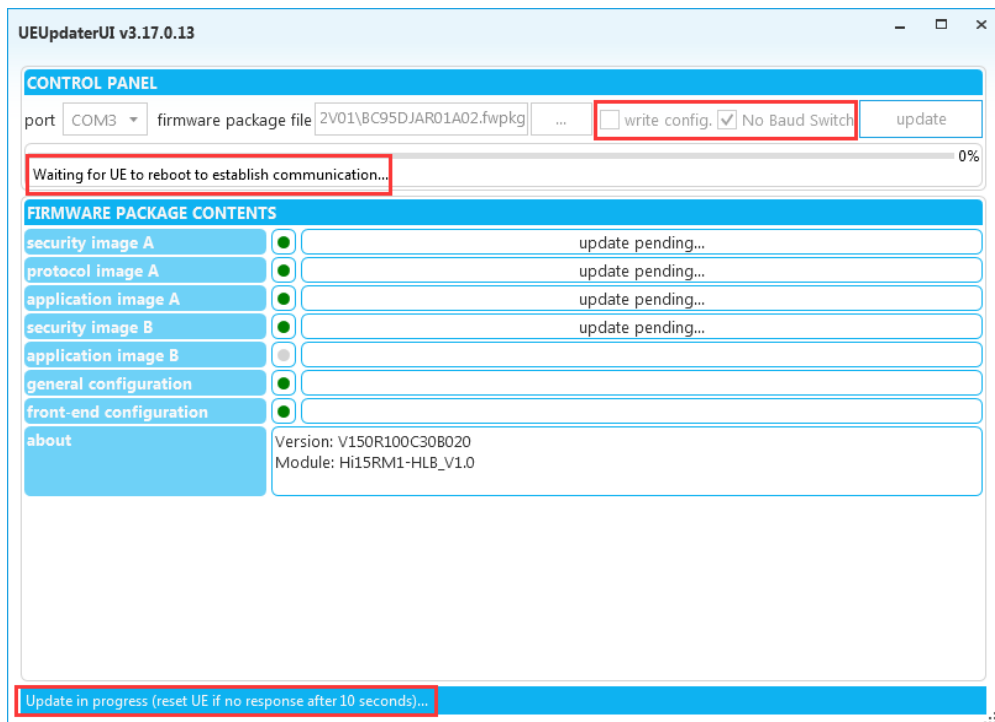
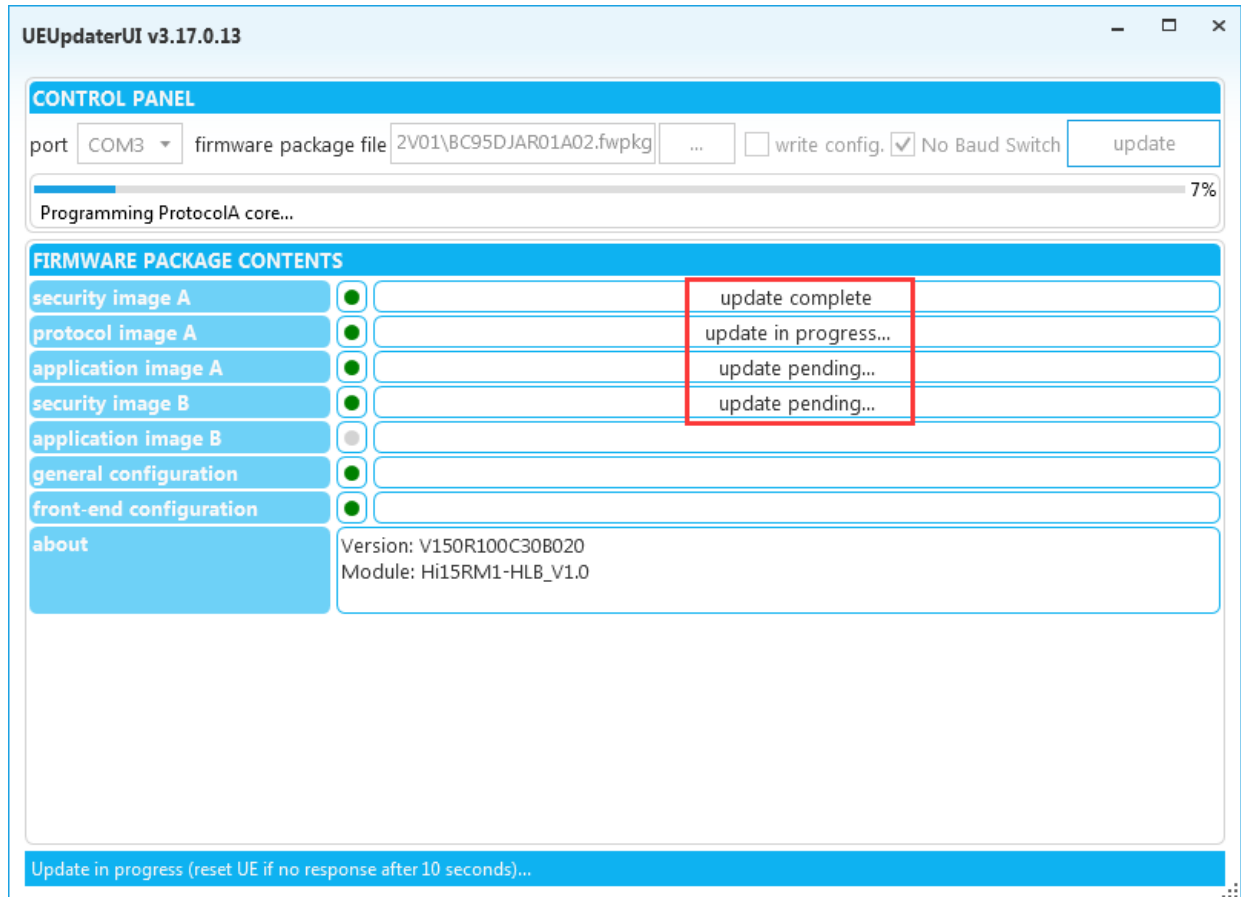


Figure 14: Reboot the Module

**NOTE**

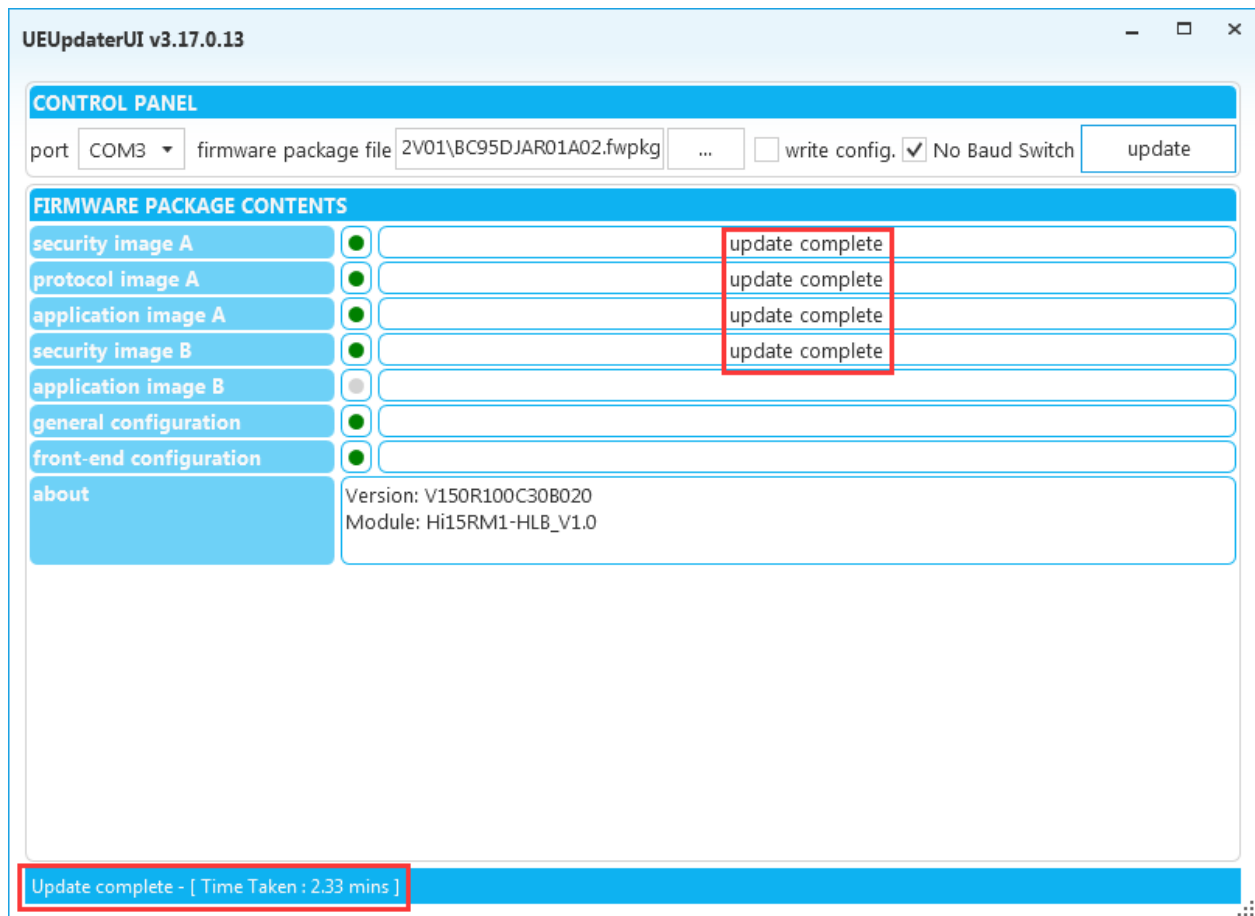
Please reboot the module within 10 seconds, otherwise the UEUpdateUI will be disconnected with the main port.

**Step 6:** After rebooting the module, it starts upgrading the firmware. Please wait during the process.



**Figure 15: Upgrading Process**

**Step 7:** When all “update pending...” status changes to “update complete” or “already loaded”, the firmware is upgraded completely.



**Figure 16: Firmware is Completely Upgraded**

**Step 8:** Reboot the module and query the firmware version by AT command **ATI**. If the target version is returned, then the firmware is successfully upgraded.