BC35-G&BC28
Firmware Upgrade
User Guide

NB-IoT Module Series

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About the Document

History

Revision	Date	Author	Description
1.0	2017-12-14	Donald TANG	Initial

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1 Introduction

This document mainly introduces how to use UEUpdaterUI tool to upgrade firmware via main UART port for Quectel BC35-G and BC28 modules on Window 7 system.

2 Tool Installation

Customers need to install "Microsoft .NET Framework" (4.5.2 version or later) on PC before using UEUpdater.

2.1. Microsoft .NET Framework Installation

1. Double-click *microsoft.net framework 4.5.2.exe* to install Microsoft .NET Framework.
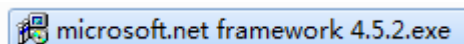

Figure 1: Microsoft .NET Framework Installation Package

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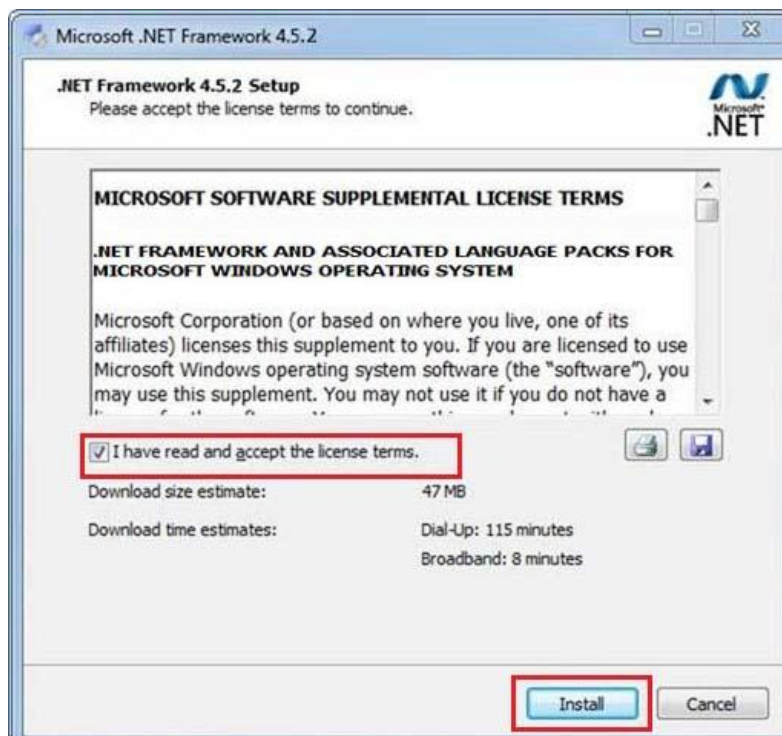

Figure 2: License Agreement for Microsoft .NET Framework Installation

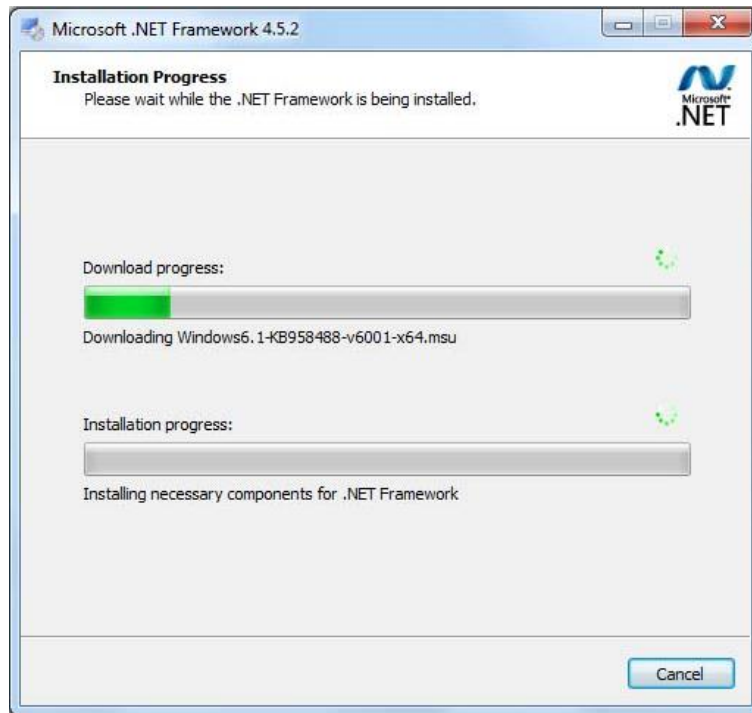3. Please wait for the program to install.

Figure 3: Microsoft .NET Framework is Installing
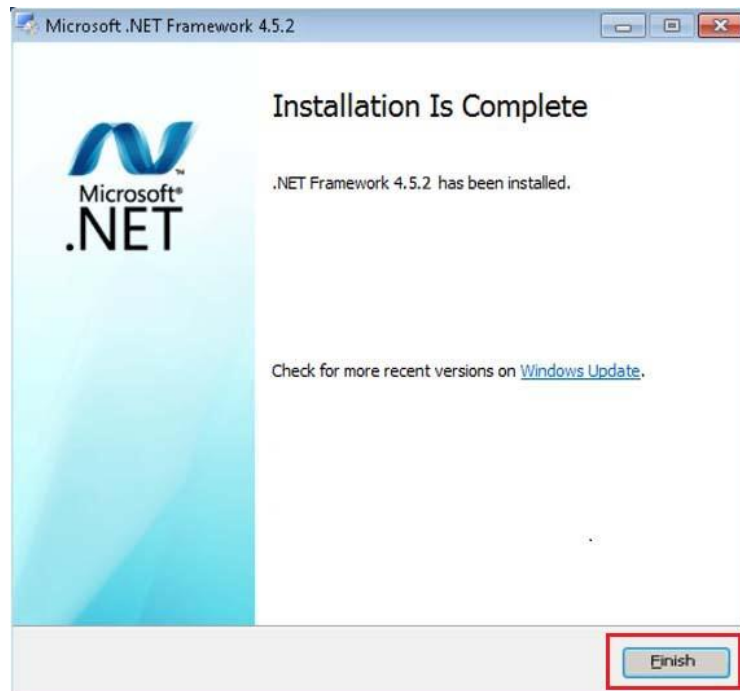
4. Click "**Finish**" to accomplish installation.

Figure 4: Microsoft .NET Framework is Successfully Installed

3 Firmware Upgrade

3.1. Firmware Upgrade via UEUpdaterUI

3.1.1. Install UEUpdaterUI

1. Double-click *UEUpdaterUI-3.11.0.5.msi* to install UEUpdaterUI.
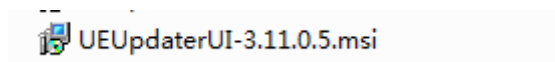

Figure 5: UEUpdaterUI Installation Package

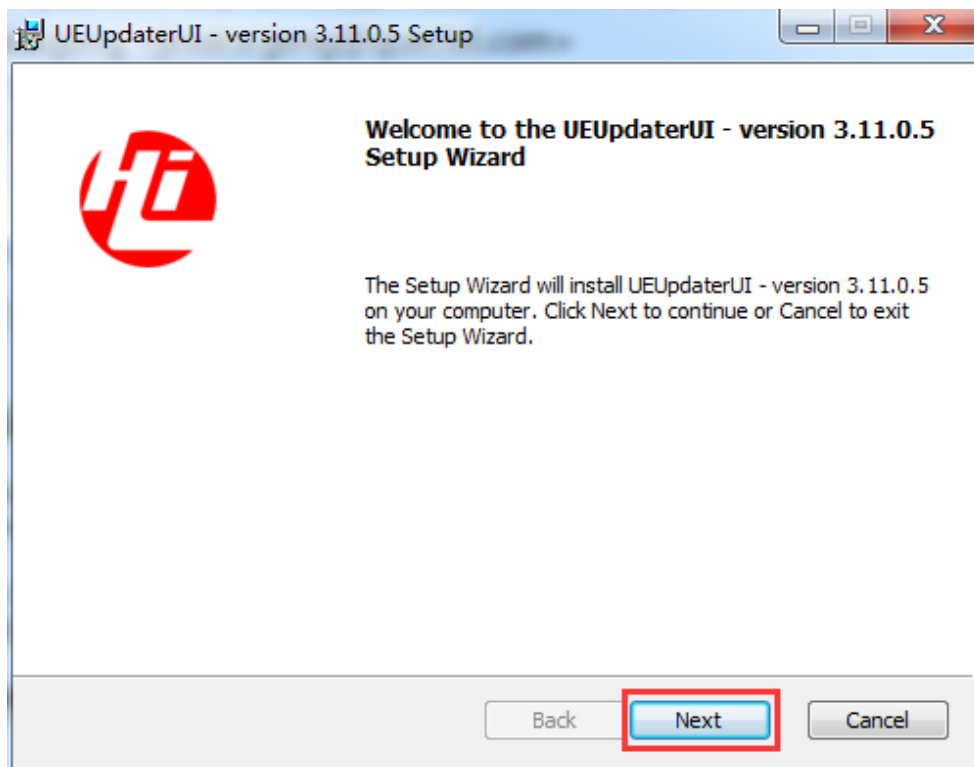2. Wait until the following window shows up, and then click "**Next**".

Figure 6: UEUpdaterUI Setup Wizard
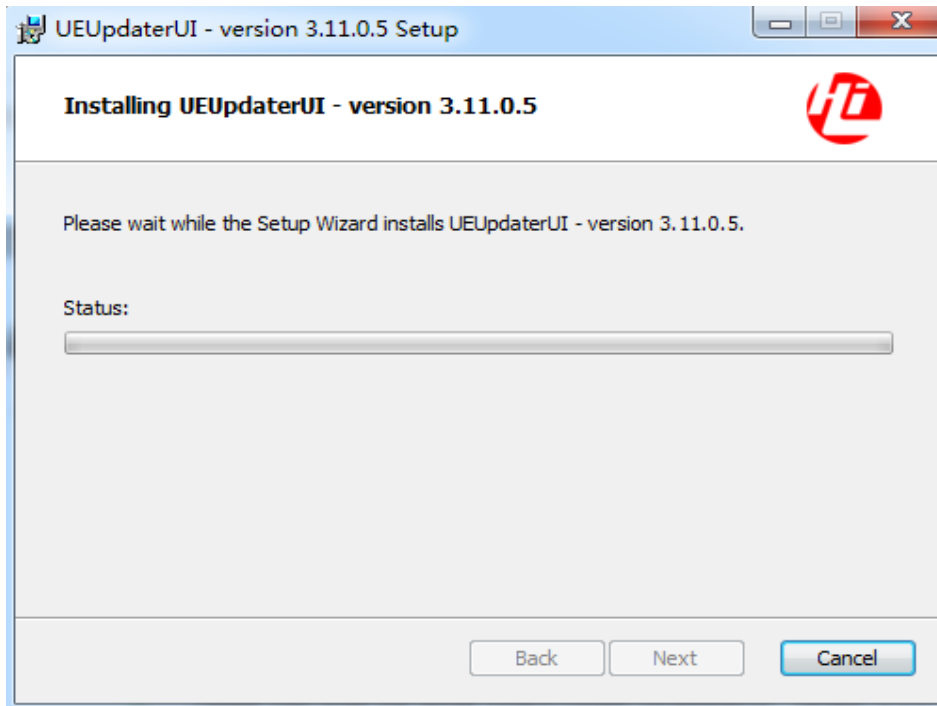
3. Please wait for the program to install

Figure 7: Wait While Installing UEUpdaterUI

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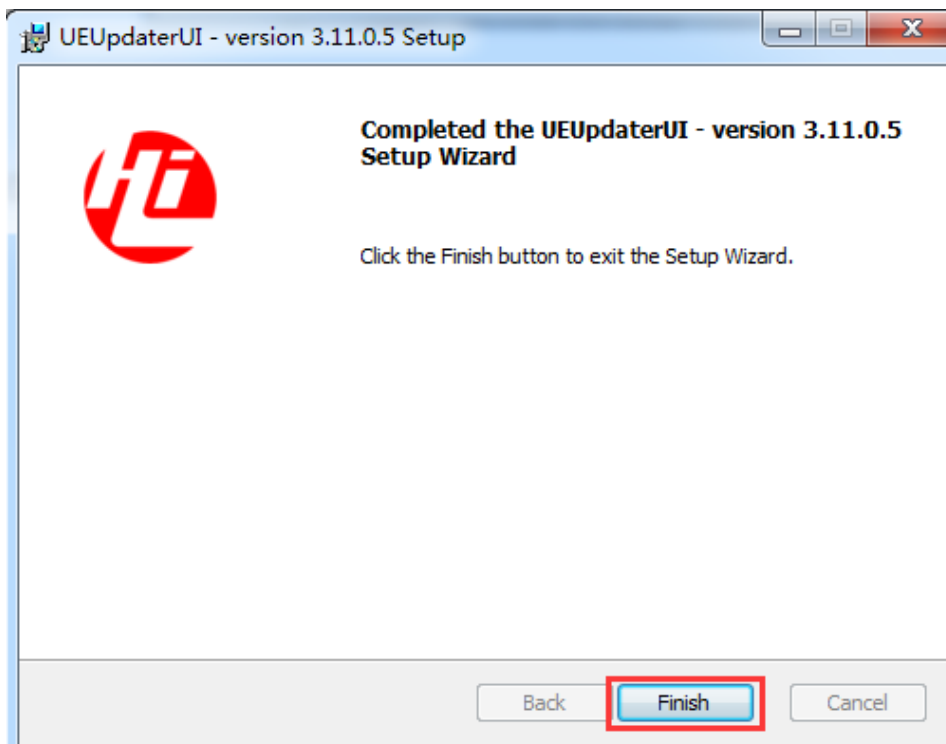

Figure 8: UEUpdaterUI is Successfully Installed

3.1.2. Upgrade Firmware via UEUpdaterUI

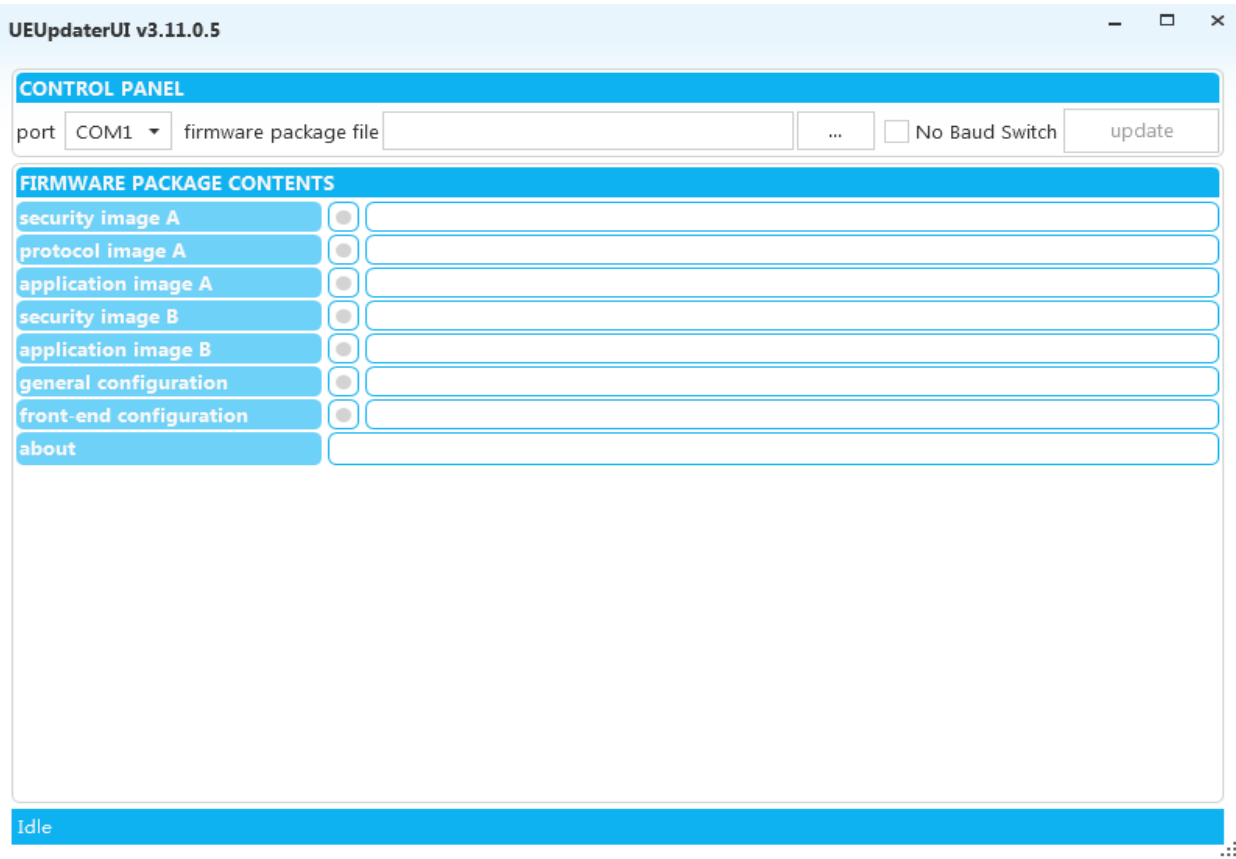1. Double-click the desktop shortcut generated when installing UEUpdaterUI to open the UEUpdaterUI.

Figure 9: UEUpdaterUI Interface

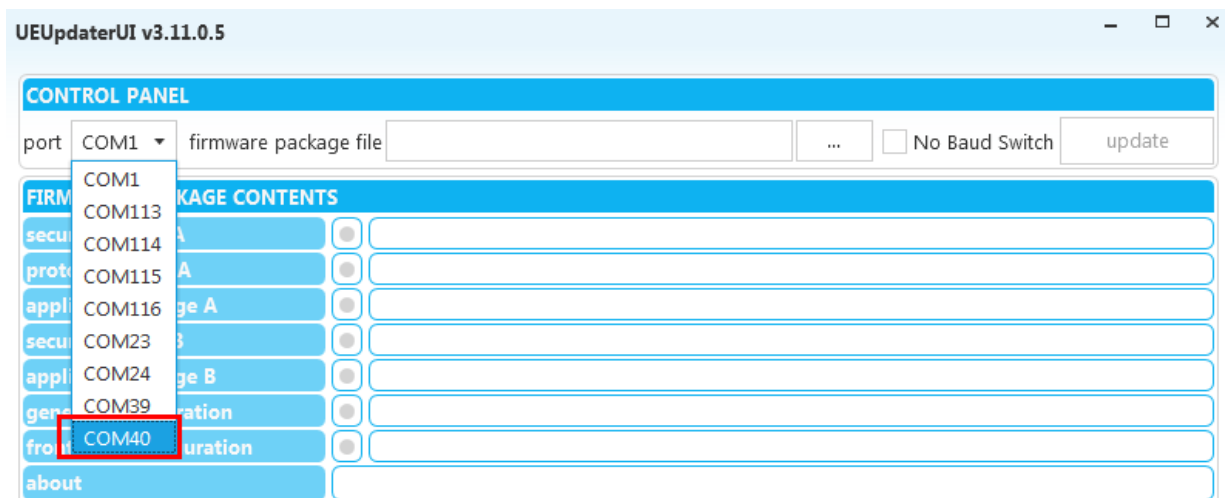2. Select the main serial port to upgrade the firmware.

Figure 10: Select Main Port to Upgrade

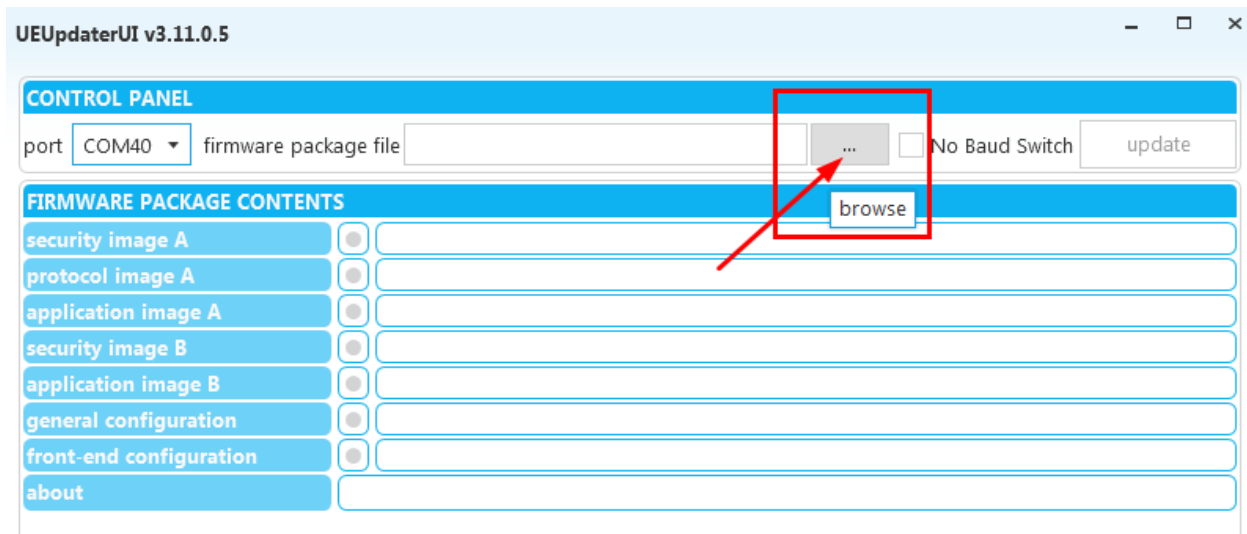3. Click the "**browse**" button to select the firmware package.

Figure 11: Click Browse to Select the Firmware Package

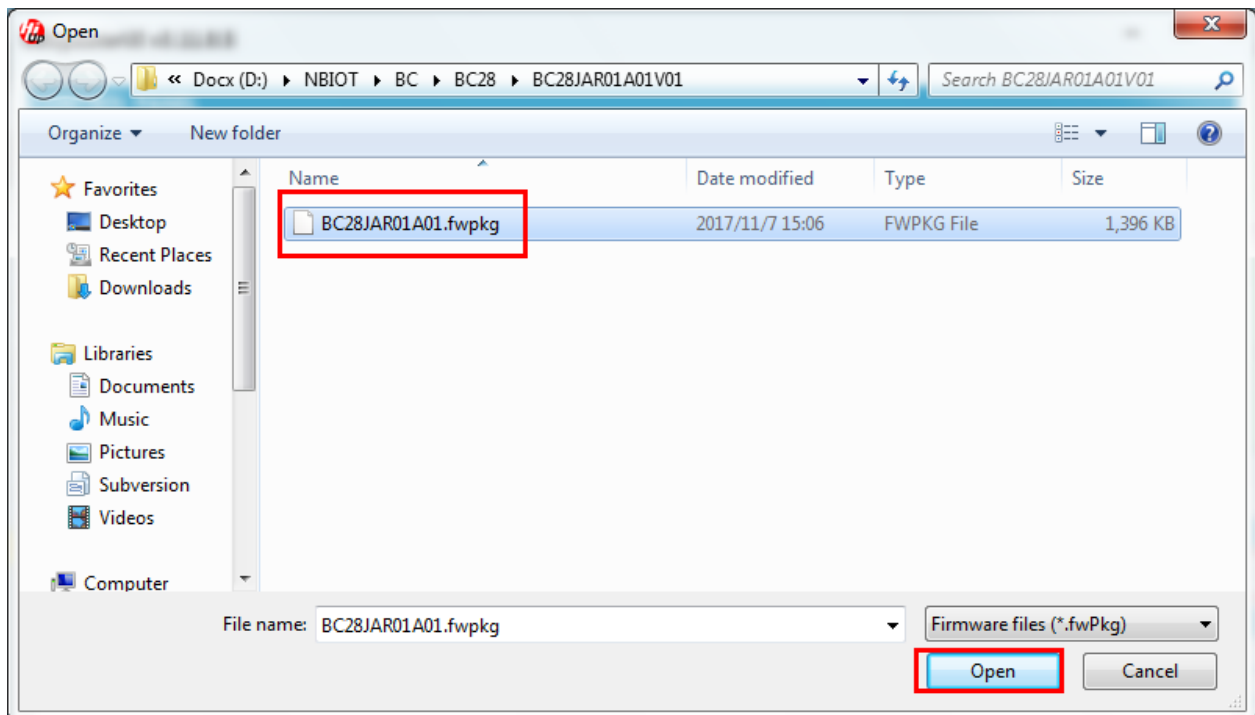4. Select the target firmware version in *.fwpkg* format, and then check "**No Baud Switch**".

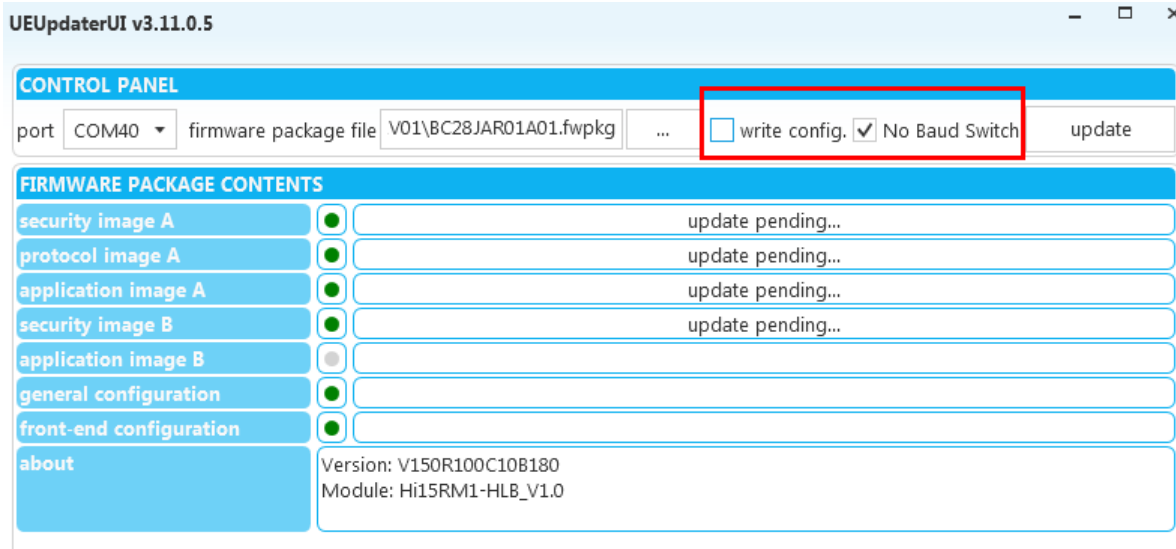**Figure 12: Select the Target Firmware Version**

Figure 13: Check "No Baud Switch"

5. Click the "**update**" button to start upgrading. 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.
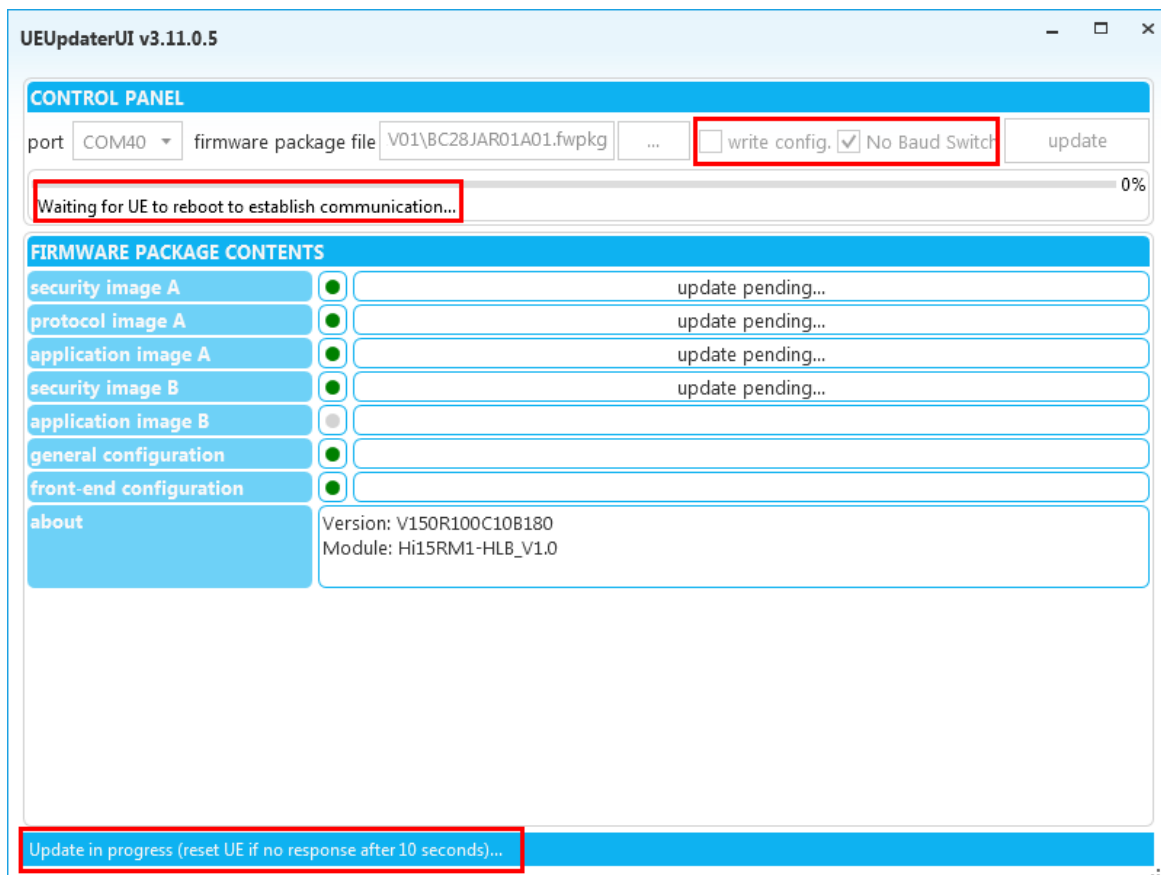

Figure 14: Prompt for Updating

NOTE

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

6. After restarting the module, it starts upgrading the firmware, please wait during the process.
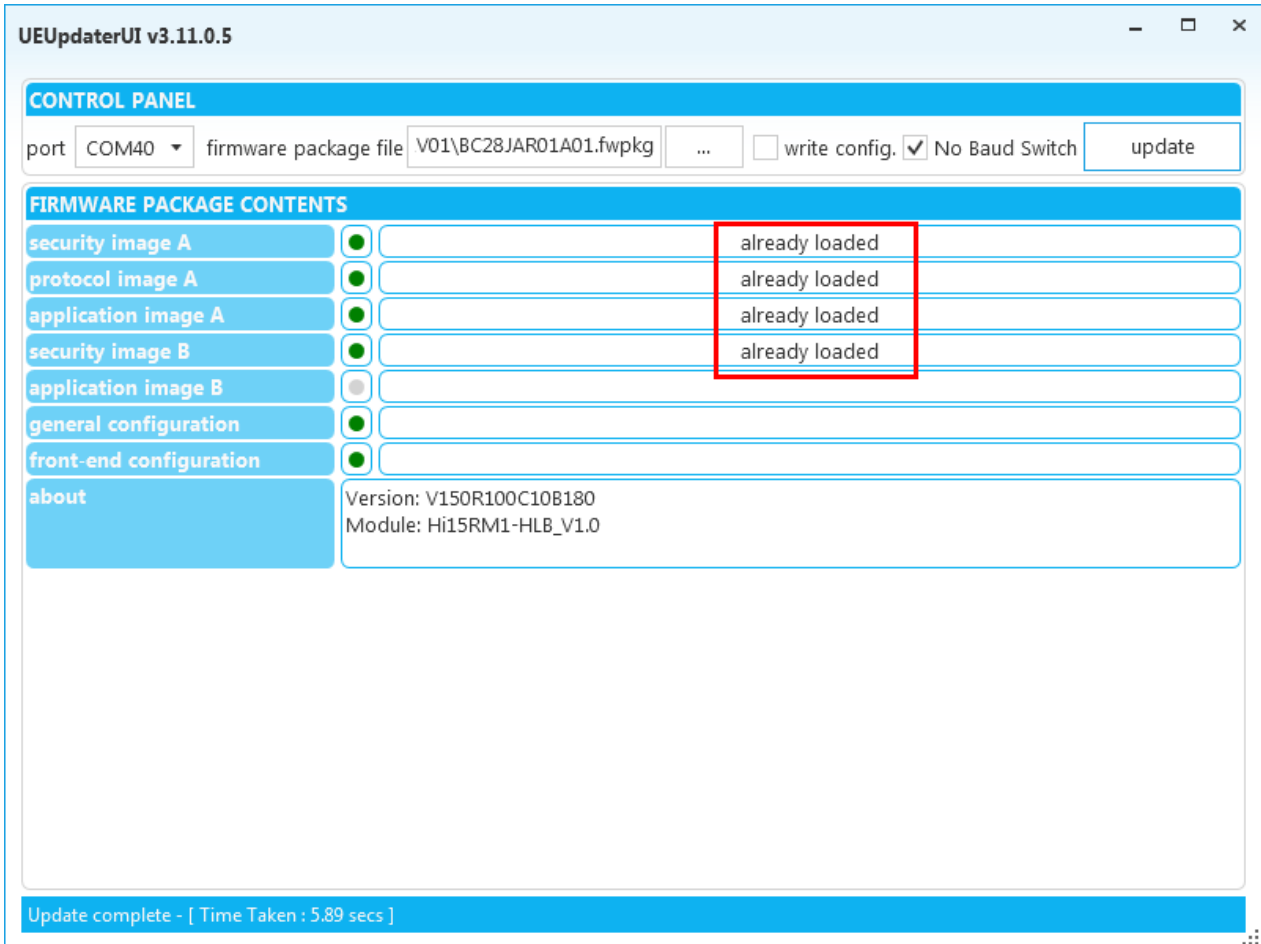

Figure 15: Upgrading Process

7. When all "**update pending…**" status changes to "**update complete**" or "**already loaded**", it indicates the firmware is upgraded completely.
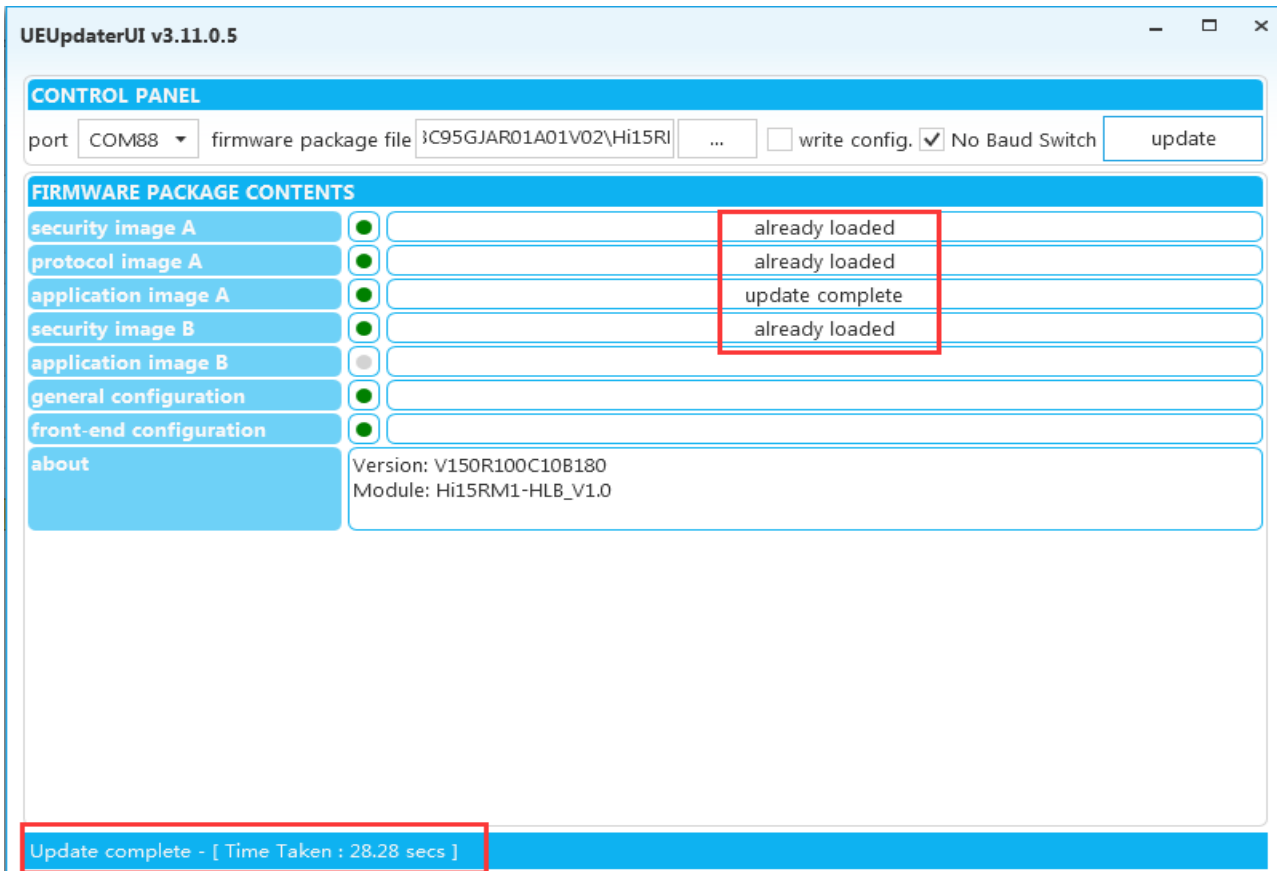

Figure 16: Firmware is Completely Upgraded

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