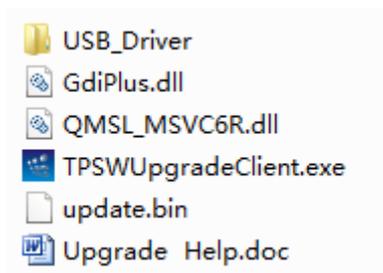


## Notice:

- Before upgrading, please make sure the model number and hardware version in the upgrade package match your own device. Please check the software built date for the current one and the one in the upgrade package. **We do not recommend to downgrade the firmware version; (If you don't know how to get the data mentioned above, please refer to [Q&A3](#))**
- Please **DO NOT unplug the USB data cable** during upgrading process;
- Please ensure that the battery is **FULLY CHARGED**;
- Please **DO NOT use USB extension cable**.

## Preparation before Upgrading

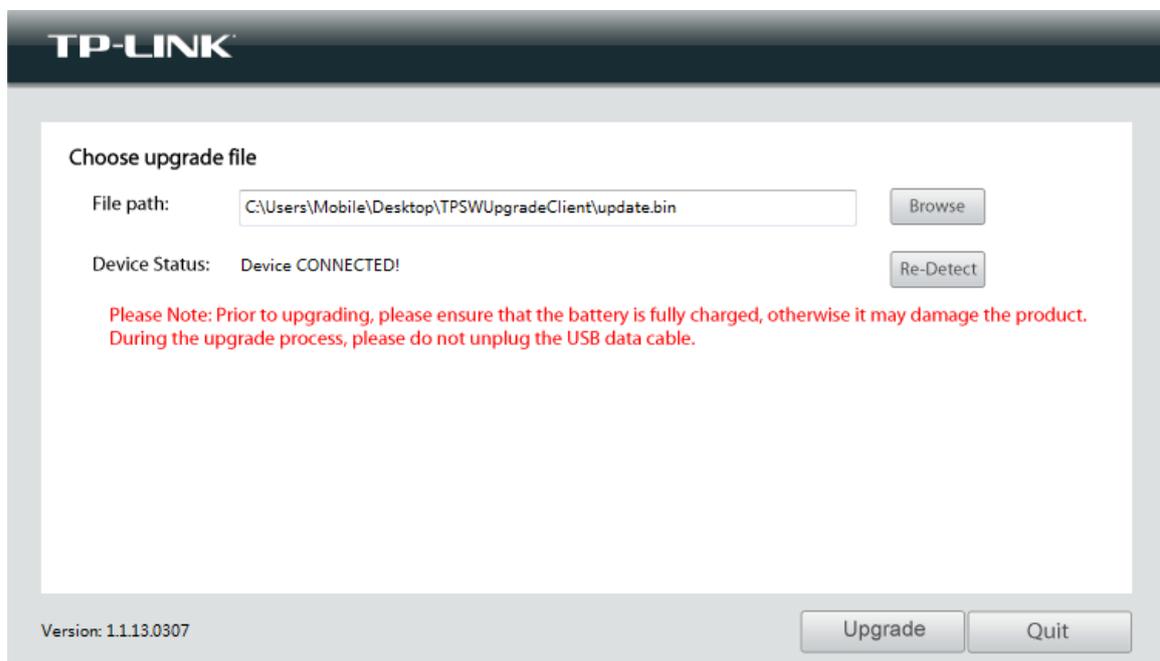
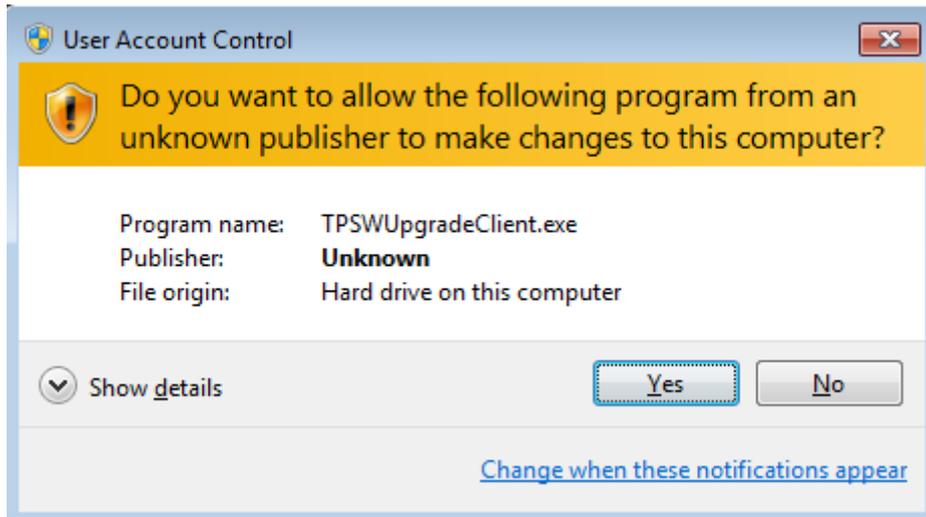
1. Please download the upgrade package from TP-LINK's official website, then unzip the upgrade package. The files will list as below.



2. Connect the device to your computer through a Micro USB cable. Once connected, Windows will try to install drivers for the device. Please skip the installation because the Software Upgrade Client (hereinafter named as "UpgradeClient") will install drivers automatically for you. (For more information please refer to [Q&A1](#).)

## Start upgrading

1. Double click the TPSWUpgradeClient.exe to open the tool. (For Windows Vista, Windows 7 and Windows 8, Windows will pop up the "User Account Control" dialog. You should press "Yes" to go on.)

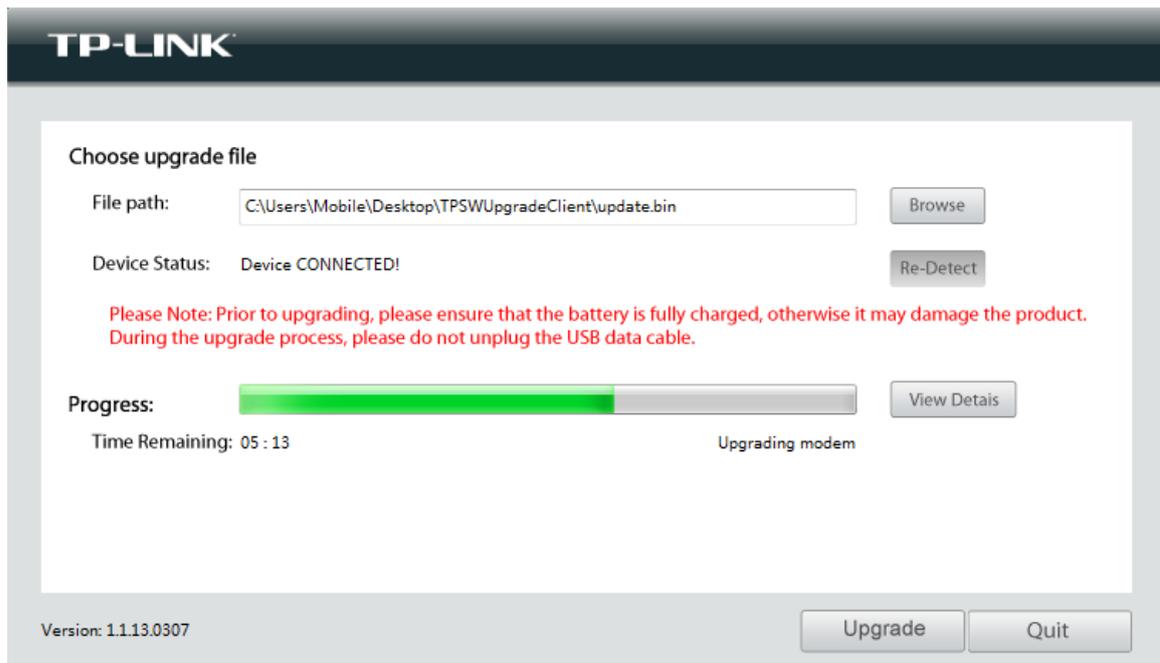


The UpgradeClient appears. If the “Device status” shows “Device CONNECTED!”, you can skip this step and go on. Otherwise if you find “No device found!” shows, please press the “Re-Detect” button to re-detect the device status. After re-detecting, in case the “Device Status” still shows “No device found!”, please refer to [Q&A2](#) to troubleshoot.

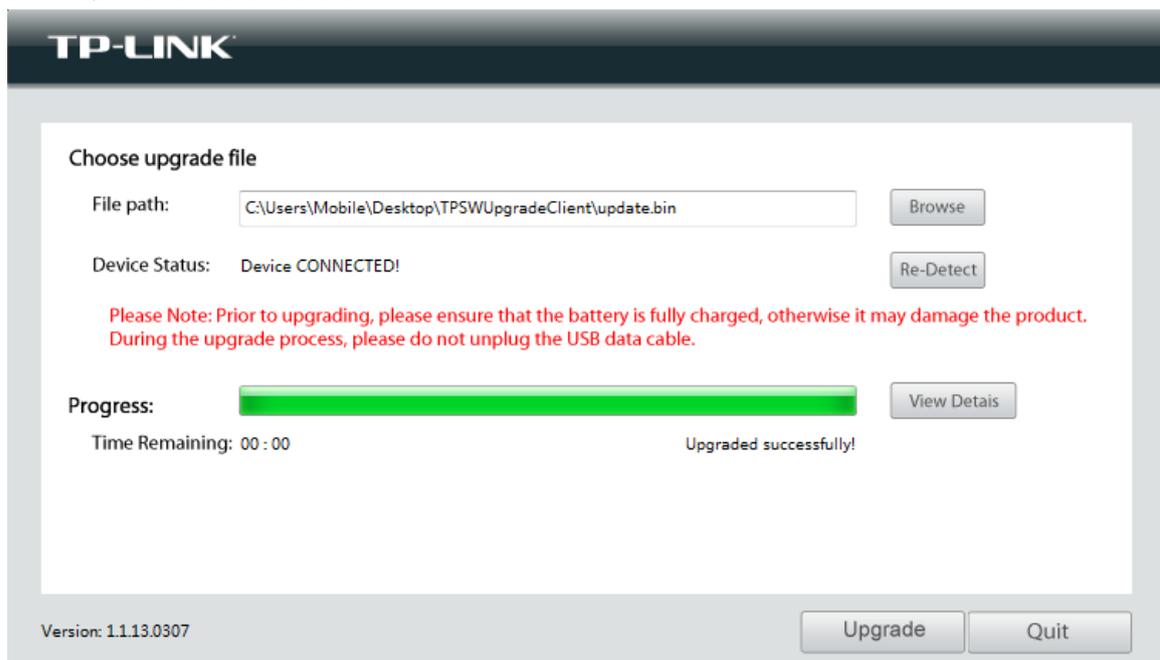
2. Select the upgrade package.

The UpgradeClient will automatically preload the update.bin in the upgrade package. If you want to load another update file in a specific path, you can press “Browse” button and choose it.

3. Press “Upgrade” button to start upgrading. When upgrading, the process bar will show the current upgrade process.



The upgrading is complete successfully when the hint “Upgraded successfully” appears, you can click “Quit” to exit the tool then.



## Q&A

### Q1. How to skip the auto installation of drivers in Windows?

**A1.** Please refer to the guide for each Windows OS version.

## For Windows XP

When you have connected the device to your computer, Windows will popup the “Finding new device wizard” dialog.



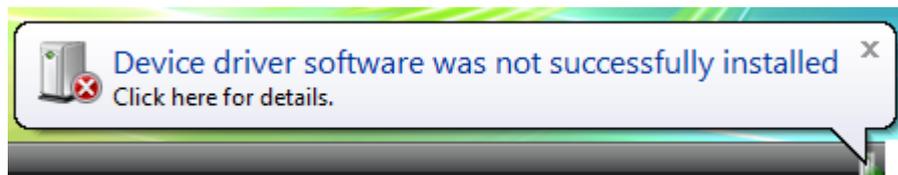
Press the “Cancel” button to skip the driver auto installation wizard.

## For Windows Vista

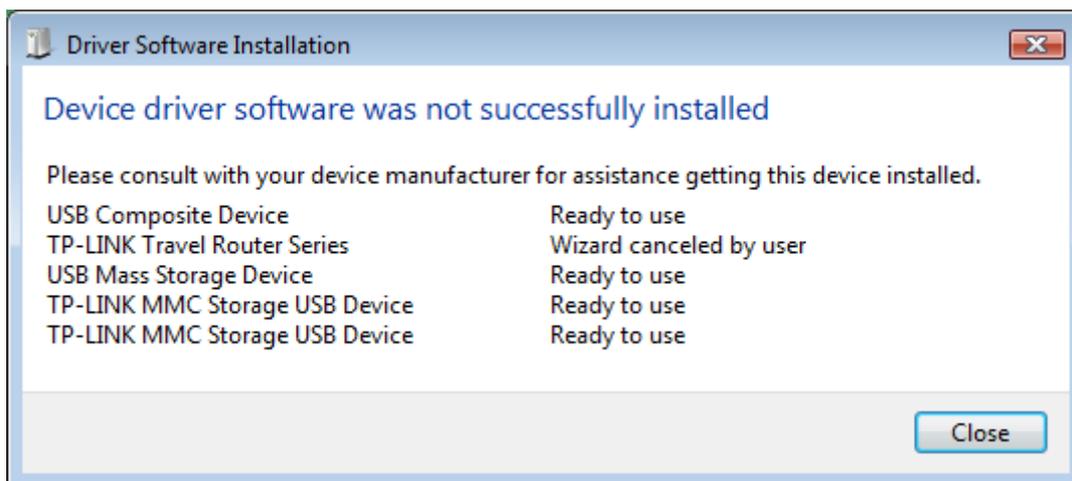
When you have connected the device to your computer, Windows will popup the “Finding new device wizard” dialog.



Press the **“Cancel”** button. After a while, the Notification window will pop out a notification like this.



Click this to show the status.

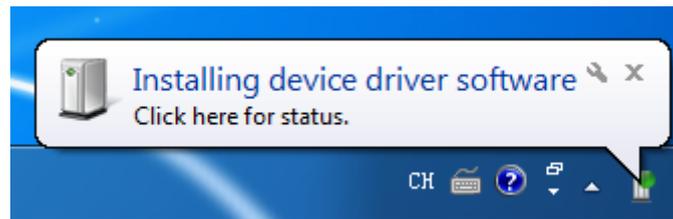


Status like this means that you have already skipped the drivers auto installation.

## For Windows 7

When you have connected the device to your computer, the Notification area will pop out a

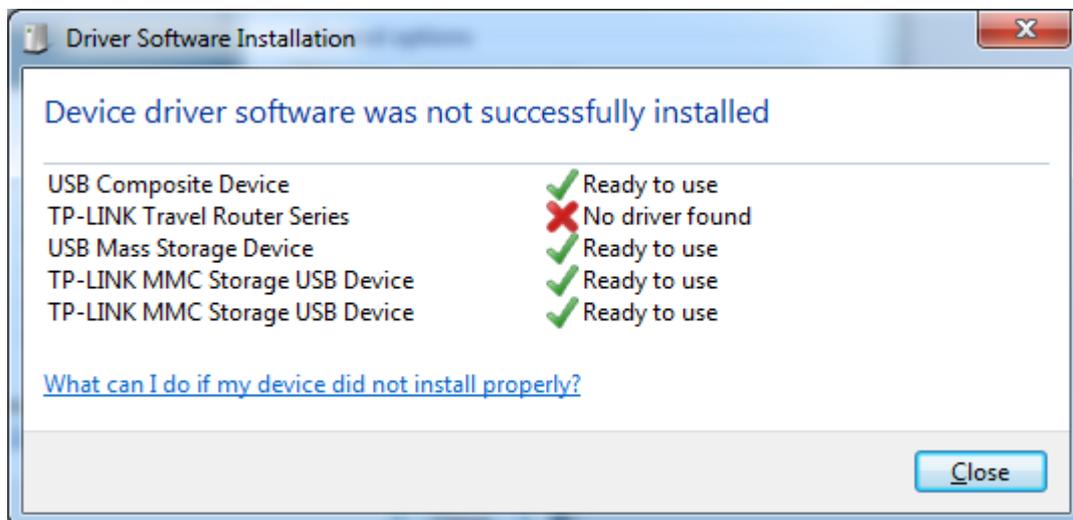
notification.



Click this to show the status.



Then you can find Windows is searching drivers for the new device in the Windows Update. Click the "Skip obtaining driver software from Windows Update". After a while, you can see this.



It means that you have already skipped the drivers auto installation.

## For Windows 8

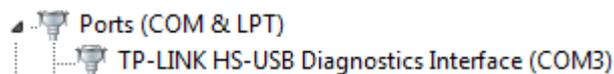
For Windows 8 you don't need to do anything because Windows 8 won't install drivers for the unknown device automatically.

## Q2. After “re-detecting” for several times, the “Device Status” still shows “No device found!”.

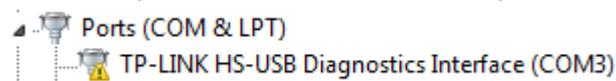
**A2.** Please do the following checking.

- a. Check if the device is **connected** to your computer through a **good** Micro USB cable.
- b. Check if the USB driver is installed successfully.

Open the device manager. See if there is a port like this.



If there is a yellow exclamation mark in the port like this,



please restart your computer.

If there is no port called “TP-LINK HS-USB Diagnostics Interface” while there is a device like this,



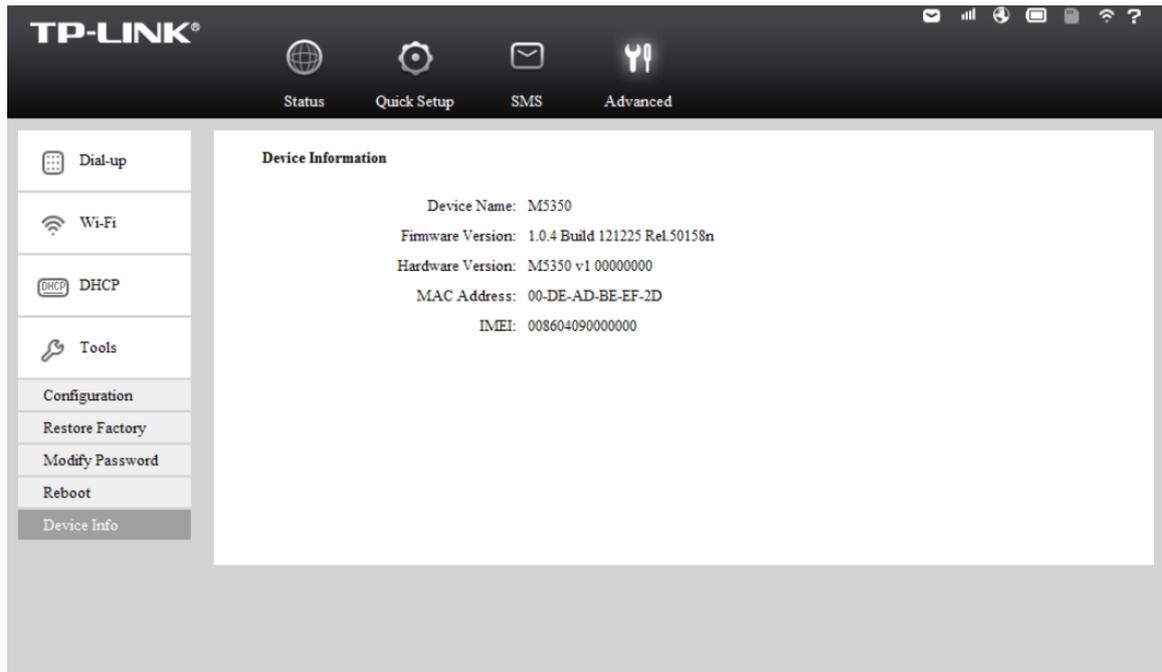
please make sure you have skipped the auto installation of drivers in Windows.

- c. Check that if the battery is fully charged and also the Micro USB data cable quality.

## Q3. How to get the model number, hardware version and software version?

**A3.** Please type in <http://192.168.0.1> in the address bar of your web browser, then log in.

The **Username** and **Password** are both **admin** unless you have changed it before. Click “Advanced” -> “Tools” -> “Device info” on the left column menu and you will find them like the picture showed below.



After upgrading, please also follow this path and validate whether your firmware has been upgraded successfully.