

How to upgrade TP-LINK Portable 3G Router

TL-MR3020

Notice:

- **Please verify the hardware version of your device for the firmware version. Wrong firmware upgrading may damage your device and void the warranty.**



TL-MR3020_V1.120320	Published Date	2012/3/20
	Language	English
	File Size	3.61 MB
	Operating System	Win2000/XP/2003/Vista/7/Mac/Linux
	Modifications and Bug Fixes	1. Improve the compatibility; 2. Optimize 3G Preferred and WAN Preferred function; 3. Virtual server support different internal/external port.
	Notes	For TL-MR3020 V1 hardware version

- **After you downloaded the firmware from TP-LINK website, please use decompression software such as WinZIP or WinRAR to extract the firmware file to a folder;**
- **Do NOT upgrade the firmware via wireless connection;**
- **Do NOT turn off the power or cut down the Ethernet cable during upgrade process;**
- **Please write down all current settings as a backup and enter them manually after upgrading.**
- **Internet Explorer(IE) is recommended to upgrade the firmware.**

Step 1 Please switch to 3G mode first and select “3G only” as Internet Access (RJ45 Ethernet Port acts as LAN) then use the wired connection to upgrade firmware.

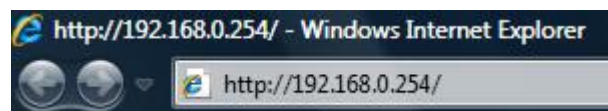


Internet Access

The router provides some Internet access modes for you to choose:

- ☒ **3G/4G Only (Recommended)** - Only use 3G/4G as the access to the Internet. (RJ45 Ethernet Port as LAN)
- ☐ **3G/4G Preferred** - Use 3G/4G as the primary access, WAN as a backup. (RJ45 Ethernet Port as WAN)
- ☐ **WAN Preferred** - Use WAN as the primary access, 3G/4G as a backup. (RJ45 Ethernet Port as WAN)
- ☐ **WAN Only** - Only use WAN as the access to the Internet. (RJ45 Ethernet Port as WAN)

Step 2 Log into the TP-LINK device by typing <http://192.168.0.254> in the address bar of the web browser (such as Internet Explorer, Firefox). The **UserName** and **Password** are both **admin** unless you have changed it before.



Step 3 Click **System Tools** -> **Firmware Upgrade**, click the **Browse** button to choose the firmware you already extracted in the folder.

Firmware Upgrade

File:

Firmware Version: 3.12.11 Build 120320 Rel.42138n

Hardware Version: MR3020 v1 00000000

Step 4 Click the **Upgrade** button. The device will reboot automatically after the upgrading has been finished. Please wait about 3 minutes.

Step 5 Click **Status**, verify that the router's firmware has been upgraded.

The screenshot shows the 'Status' page of a router. It has a green header with the word 'Status'. Below it, there are two lines of information: 'Firmware Version: 3.14.2 Build 120817 Rel.55520n' and 'Hardware Version: MR3020 v1 00000000'. The firmware version text is highlighted with a red rectangular box.

Step 6 It is recommended that restoring the device to factory default to make the new functions take effect; Click **System Tools->Factory Defaults**, Click **Restore** Button.

The screenshot shows the 'Factory Defaults' page. It has a green header with the text 'Factory Defaults'. Below the header, there is a paragraph of text: 'Click the following button to reset all configuration settings to their default values.' Below this text is a button labeled 'Restore', which is highlighted with a red rectangular box.

NOTE:

After TL-MR3020's upgraded to the new firmware 120817 from older version, the wireless network would be secured by the default pre-encryption password. To find and change the default password, please log into <http://192.168.0.254> and click **Wireless -> Wireless Security**, then you will find the pre-encryption wireless password, please change it to be unique and easy-to-remember for you.

The screenshot shows the 'Wireless Security' page. On the left is a sidebar menu with various options, including 'Wireless' and 'Wireless Security', both of which are highlighted with red boxes. The main content area has a green header 'Wireless Security'. Below it, there are three radio button options: 'Disable Security', 'WPA/WPA2 - Personal(Recommended)', and 'WPA/WPA2 - Enterprise'. The 'WPA/WPA2 - Personal(Recommended)' option is selected. Under this option, there are fields for 'Version' (set to 'Automatic(Recommended)'), 'Encryption' (set to 'AES'), and 'Password' (set to '48363761'). The 'Password' field is highlighted with a red box. Below the password field, there is a note: '(You can enter ASCII characters between 8 and 63 or Hexadecimal characters between 8 and 63)'. There is also a 'Group Key Update Period' field set to '0' with a note: 'Seconds (Keep it default if you are not sure, minimum is 30, 0 means no update)'. The 'WPA/WPA2 - Enterprise' option has fields for 'Version' (set to 'Automatic'), 'Encryption' (set to 'Automatic'), and 'Radius Server IP' (empty).