Quick Installation Guide
Portable 3G/4G Wireless N Router

Package Contents
- TL-MR3020
- Adapter
- USB Cable
- Ethernet Cable

1 Physical Description

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3G/4G USB Port</td>
<td>This port is used to plug a 3G/4G modem/card.</td>
</tr>
<tr>
<td>Mini USB Port</td>
<td>This port is used to connect the provided power adapter.</td>
</tr>
<tr>
<td>RJ45 Ethernet Port</td>
<td>This port can be LAN or WAN port depending on the working mode.</td>
</tr>
<tr>
<td>Mode Switch</td>
<td>This button is used to switch the working mode of the Router.</td>
</tr>
<tr>
<td>WPS/RESET</td>
<td>To use WPS function, please push the button for less than 5 seconds, and then the LED will flash; to reset the Router, please push the button for at least 10 seconds.</td>
</tr>
</tbody>
</table>

2 Hardware Connection

3G/4G Router Mode (Default)
In this mode, the TL-MR3020 is connected to a 3G/4G USB modem and wirelessly share the 3G/4G mobile connection to multiple users.

WISP Client Router Mode
In this mode, the TL-MR3020 is wirelessly connected to the WISP (Wireless Internet Service Provider) and share the Internet with multiple users.

Standard AP Mode
In this mode, the TL-MR3020 is connected to a wired network and transforms the wired Internet access into wireless so that multiple users can share the Internet.

3 Connect to Network

Here we take Wireless Network Connection as example, please make sure your device is wirelessly enabled.

For Windows XP
1. Click the icon at the bottom of your desktop.
2. Click Refresh network list, and then select the wireless network name (SSID) of TL-MR3020. Click Connect.

For Windows 7
1. Click the icon at the bottom of your desktop.
2. Click Refresh button and then select the target network. Click Connect.

For Mac OS
1. Click the icon at the right top of your desktop.
2. Make sure the status of Airport is On, and then select the wireless network name (SSID) of TL-MR3020 and click it.

NOTE: 1. The default SSID of the network is TP-LINK_POCKET_3020_xxxxxx. (The xxxxx is the last six characters of the Router’s MAC address.)
2. The pre-encryption of TL-MR3020 is written on the product label, please refer to it when you connect to the wireless network.

4 Router Configurations
1. Open a web browser, type 192.168.0.254 in the address field, and press Enter. At the prompt, enter the default User Name and Password: admin. Click OK to enter the Router’s Web-management page.
2. After a successful login, please configure the Router according to the working mode you choose.

NOTE: For your convenience, TL-MR3020 will keep the following two items when you switch the working mode:
1. WAN information (Internet information), such as the User name and Password of 3G/4G ISP and PPPoE, the Dynamic IP address setting, etc.
2. Wireless settings, such as wireless network name (SSID), Key Type and Password.

(To be continued)
Troubleshooting

T1. What should I do if I don't know or forget my login password?
(1) Restore the Router’s configuration to its factory default settings. With the Router powered on, press and hold the WPS/RESET button on the rear panel for 8 to 10 seconds while watching it.
(2) Use the default user name and password: admin.
(3) Try to configure your Router once again by following the previous step of this QIG.
T2. What should I do if I cannot log in the Web-Management page after I have successfully connected the Router?
For Windows Vista:
1. Click “Start” -> Control Panel -> Network and Internet -> View network status and tasks -> Change adapter settings.
2. Right-click “Local Area Connection”, and then click “Properties”.
4. Select “Obtain an IP address automatically” and “Obtain DNS server address automatically”. Then click “OK”.
T3. What should I do if I cannot get Internet access with an identified 3G/4G USB modem?
(1) Please insert a suited SIM/UIM card into the 3G/4G USB modem correctly.
(2) Please plug your 3G/4G USB modem directly into your PC and disable the PIN verification via modem utility.
(3) Please verify that your Internet connection is working on your PC.
(4) Ask your SP for the latest dial number and APN, correct the pre-set information manually.
T4. What should I do when the “Unknown Modem” message displays?
(1) Please go to our website: www.tp-link.com, click the tab “Support” and select “3G/4G USB Modem Compatibility List”. Then please check and make sure that your 3G/4G USB modem is on the compatibility list.
(2) If your 3G/4G USB modem is on our list but the Router shows “Unknown Modem”, please go to our website to download the latest firmware or bin file and upgrade the Router.
(3) If the latest firmware or bin file cannot support your modem, please contact our technical support.
T5. How to update the firmware?
(1) The SSID and BSSID will be automatically filled into the wireless setting figure. Choose the Key Type and SSID in the Password according to the target wireless network. Set the Local SSID as your local wireless network name. Then click Next.
(2) Click the Reboot button to make your wireless configuration take effect and finish the Quick Setup. (You’re recommended to go to Wireless -> Wireless Security to set up the wireless security.)
NOTE: After the rebooting, please reconnect to the network according to Step 3 Connect to Network.
If Wireless Security is enabled, you need to enter the password you’ve just set to successfully finish the connecting.
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