# HUAWEI EC152 User Guide



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Congratulations on your purchase of Huawei EC152 TATA Photon Plus USB Data Modem Device.

The User Guide contains important information on the proper use and correct operation of Huawei EC152 TATA Photon Plus USB Data Modem Device. We recommend that you read this manual carefully to ensure optimal performance.

# 2. System Requirements

- PC with USB Port
- Windows 2000 SP4, Windows XP SP2 / SP3, Windows Vista SP1 / SP2, Windows7 Mac OS X 10.4, 10.5 and 10.6 with latest upgrades
- Hardware configuration should satisfy the demand of the operating system.
- Display Resolution : Above 800x600

Note:

If your PC has lower configuration, the performance of EC152 may be lower.



# 3. EC152 Appearance



Please find below the description that you need to know to start using your device.

Name	Description
1.USB Plug	It connects EC152 to a PC.
2.Indicator light	Solid: EC152 is powered on.
	<ul> <li>Blinking once every 2 seconds: EC152 is searching for a network or no network is found.</li> <li>Blinking twice every 2 seconds: EC152 finds a network.</li> <li>Blinking once every 0.2 second: EC152 is transmitting data.</li> </ul>
3. microSD card Slot	Installing microSD card



Modem Type	USB Dongle NON-RIUM
Mode	EVDO REV A
Frequency (Band )	800 MHz
Antenna Type	Internal
Dimension	83.0mm×26.6mm×11.5mm
Memory Card Slot Support	microSD card
External Memory Support	Up to 4GB



# 5. Inserting a microSD Card

- 1. Slide the back cover to remove it from EC152.
- 2. Insert the microSD card into the corresponding card slot, as shown in the following figure.
- 3. Replace the back cover and slide it into place.





# 6. Using the device

For different operating system, the installation process is different. Please note the process for the following Operating Systems

Installation Procedure for Windows XP

## 1. Connect EC152 with PC

Connect EC152 with PC via USB port.





#### 2. Install EC152 Dialer & Driver

If PC opens the auto run function, it will pop up an installation interface. If not, please go to CD as shown in the figure below and open it and double click the "AutoRun.exe" file or right click and click on Auto play.

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My Documents						
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Please refer to the following screenshots for the further steps of installation





Click "Next "and then to agree with the license agreement click "I Agree".



Click "Next "and then choose a location path for installation and click install. In case you do not have any specific location preference you may choose to continue with the default location and click "Install".





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Extract: TATA_C113/plugins/NetConnetPlugin/Profile.b.prof Extract: TATA_C113/plugins/NetConnetPlugin/SysProfile.prof Extract: TATA_C113/skit/Casis.smf Extract: common/AutoRun/AutoRunSetup.exe	J
<bask next=""></bask>	Cansel



Please click on "Finish" button.

🌍 Tata Photon + Setup		
	Completing the Tata Photon+ Setup Wizard	
	Tata Photon+ has been installed on your computer. Click Finish to close this wizard.	
R	IF Sart Menu Goog) IF Desktep Icon IF Quick Laurch Icon	
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After installation, please go back to desktop, click on the icon "Tata



When the installation is complete, the following dialer appears





1. As soon as the installation is complete the default dialer will appear as follows

2. Please click on the "Continue" button. On clicking the button, the dialer appears as follows. Click on the "Activate" button as shown in the below figure





3. On clicking the "Activate" button, the following screen appears. Please select the Prepaid/Postpaid option depending on the services that you wish to opt for.

Gently scratch the silver strip on the "Activation card" you have received with the kit, to reveal your 14-digit PIN. Enter your 14 digit PIN number in text box below "Enter PIN".

Please click on the" Activate" button





4. On clicking the "Activate" button, the following screen appears. The moving bars indicate that the activation is in progress.



5. You may have to wait for a couple of minutes. Once activation is successful, you will see the following screen





6. Click on the "Connect" button and start surfing.



In case the activation fails, the following sequence of steps needs to be followed

1. In case activation is unsuccessful, you will see the following prompt





2. Please click on the "OK" button. The following screen will appear. Please click on the "Activate" button as shown in the below figure. Please repeat the same sequence as stated above to continue.





## **Un-installation of Application Software**

- 1. Exit Management procedures.
- 2. Remove the EC152 device from the system then pull it out.
- 3. Open "Add/Remove program" in the control panel.
- 4. Accord the prompt, finish un-installation.

## Installation Procedure for Mac OS

1. Connect EC152 with PC

Connect EC152 with PC via USB.





## 2. Install EC152 Dialer & Driver

Insert the EC152 device into computer





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Double click icon of "Mobile Partner" Click "Continue" to start the installation.





Read the Software License Agreement then click "Continue".



Click "Agree" to accept the license agreement.





## Click "Install".

00	😜 Install Mobile Partner
	Standard Install on " MacHd02"
Introduction     License     Destination Select     Installation Type	This will take 2.8 MB of space on your computer. Click Install to perform a standard installation of this software on the volume * MacHd02*.
Installation     Summary     A     S	
1	Change Install Location
	Co Back Install

Then enter your laptop's password when pop up window appears

00			
⊖ Introducti		Installer requires that you type your password.	
⊖ License		Name: utps	
O Destinatio		Past ward	
e Installatic		Password:	
Installation	▶ Details		
Summary	?	Cancel OK	
maintenant	4		
0 1			
7		Change Install Loca	tion
		Go Back	Install



#### When installation is successful click on close button



## When the installation is complete, the following dialer appears

1. As soon as the installation is complete the default dialer will appear as follows





2. Please click on the "Continue" button. On clicking the button, the dialer appears as follows. Click on the "Activate" button as shown in the below figure



3. On clicking the "Activate" button, the following screen appears. Please select the Prepaid/Postpaid option depending on the services that you wish to opt for.

Gently scratch the silver strip on the "Activation card" you have received with the kit, to reveal your 14-digit PIN. Enter your 14 digit PIN number in text box below "Enter PIN".

Please click on the" Activate" button





4. On clicking the "Activate" button, the following screen appears. The moving bars indicate that the activation is in progress.





5. You may have to wait for a couple of minutes. Once activation is successful, you will see the following screen



6. Click on the "Connect" button and start surfing.





## In case the activation fails, the following sequence of steps needs to be followed

1. In case activation is unsuccessful, you will see the following prompt



2. Please click on the "OK" button. The following screen will appear. Please click on the "Activate" button as shown in the below figure. Please repeat the same sequence as stated above to continue.





## **Un-installation of Application Software**

- 1. Exit Management procedures.
- 2. Open "uninstall Mobile Partner", click "OK" >"OK".



# 7. Troubleshooting

If your radio card has abnormal conditions, please refer to the following table.

Common problems	Check item
Cannot automatically install the driver & Dialer tool in the first time	Maybe the computer does not open the auto run function. Please go to "My Computer"->CD Rom which name is "Tata Photon+", open it and run the autorun.exe manually.
Cannot install driver successfully	Please try to uninstall it and then install it again.
Cannot find the device by Dialer tool	Please check whether it can find the device from Device Manager. If not, please check whether you can see the CD "Tata Photon+" from "My Computer". If so, then eject the CD.
Cannot search signal from Dialer tool	Please check whether the number you used is activated or not. Please contact operator whether the parameters are configured correctly.
Cannot connect to internet by Dialer tool	Please check whether it can search signal by Dialer first. Please check whether the Modem configuration of PC is ok or not.
Device is not detecting in MAC OS	Please check the drivers (HuaweiDataCardDriver.kext) are present in the following path /System/Library/Extensions . If not present please reinstall the application.
Device is detecting in MAC OS, But not showing signal strength	Please check with the operater if the device is activated or not



# 8. Care and Maintenance

Your radio card is a product of superior design and craftsmanship and should be treated with care.

The suggestions below will help you to fulfill any warranty obligations and to enjoy this product for many years.

Keep the radio card and all its parts and accessories out of small children's reach. Keep the radio card dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that will corrode electronic circuits.

- Do not use or store the radio card in dusty, dirty areas.
- Do not store the radio card in hot areas. High temperatures can shorten the life of electronic devices, and warp or melt certain plastics.
- Do not store the radio card in cold areas. When it warms up (to its normal temperature), moisture can form inside, which may damage electronic circuit boards.
- Do not attempt to open the radio card. Non-expert handling may damage it.
- Do not drop, knock, or shake the radio card. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the radio card.
- Do not paint the radio card. Paint can prevent proper operation.
- Use only the supplied antenna. Unauthorized antennas, modifications, or attachments could damage the radio card and may violate regulations governing radio devices.



All of the above suggestions apply equally to your radio card or any accessory. If any of them is not working properly, take it to your nearest qualified service facility. The personnel there will assist you and, if necessary, arrange for service.

# 9. Warnings and Precautions

This section contains important information pertaining to the operating instructions of your device. It also contains information about how to use your device safely. Read this information carefully before using the device.

#### **Electronic Device**

Do not use your device if using the device is prohibited. Do not use the device when using the device causes danger or interference with electronic devices.

## Medical Device

- Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device when using the device is prohibited.
- Some wireless devices may affect the performance of hearing aids or pacemakers. For any such problems, consult your service provider.
- If you are using an electronic medical device, consult the doctor or the device manufacturer to confirm whether radio waves affect the operation of this device.

## **Potentially Explosive Atmosphere**

Do not use your device in any area with a potentially explosive atmosphere, and comply with all signs and instructions. Areas that may have potentially explosive atmospheres include the areas where you would normally be advised to turn off your vehicle engine. Triggering of sparks in such areas could cause an explosion or a fire, resulting in bodily injuries or even deaths. Do not use your device at refueling points



such as service stations. Comply with restrictions on the use of radio equipment in fuel depots, storage, and distribution areas, and chemical plants. In addition, adhere to restrictions in areas where blasting operations are in progress. Before using the device, watch out for areas that have potentially explosive atmospheres that are often, but not always, clearly marked. Such locations include areas below the deck on boats, chemical transfer or storage facilities, and areas where the air contains chemicals or particles such as grain, dust, or metal powders. Ask the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) whether this device can be safely used in their vicinity.

## **Traffic Security**

- Observe local laws and regulations while using the device. To prevent accidents, do not use your wireless device while driving.
- RF signals may affect electronic systems of motor vehicles. For more information, consult the vehicle manufacturer.
- In a motor vehicle, do not place the device over the air bag or in the air bag deployment area. Otherwise, the device may hurt you owing to the strong force when the air bag inflates.
- Do not use your device while flying in an aircraft and before boarding an aircraft. Using wireless devices in an aircraft may cause danger to the operation of the aircraft and disrupt the wireless telephone network. It may also be considered illegal.



#### **Operating Environment**

- Do not use the device in dusty, damp, and dirty places or places with magnetic fields. Otherwise, it may result in malfunction of the circuit.
- On a stormy day with thunder, do not use your device when it is being charged, to prevent any danger caused by lightning.
- While using the device, observe the local laws and regulations, and respect others' privacy and legal rights.

## Safety of Children

Comply with all precautions with regard to children's safety. Letting the child play with your device or its accessories, which may include parts that can be detached from the device, may be dangerous, as it may present a choking hazard. Ensure that small children are kept away from the device and accessories.

#### Accessories

Use the accessories delivered only by the manufacturer. Using accessories of other manufacturers or vendors with this device model may invalidate any approval or warranty applicable to the device, result in the non-operation of the device, and cause danger.

#### **Cleaning and Maintenance**

It is normal that your wireless device gets hot when you use or charge it. Before you clean or maintain the wireless device, stop all applications and disconnect the wireless device from your PC.

• Use your wireless device and accessories with care and in a clean environment.



- Keep the wireless device away from a fire or a lit cigarette.
- Protect your wireless device and accessories from water and vapor, and keep them dry.
- Do not drop, throw, or bend your wireless device.
- Clean your wireless device with a piece of damp and soft antistatic cloth. Do not use any chemical detergent, powder, or other chemical agents (such as alcohol and benzene) to clean the device.
- Keep the ambient temperature between -10  $^\circ\!\mathrm{C}$  to +45  $^\circ\!\mathrm{C}$  for using the device.

## **Certification Information (SAR)**

Your wireless device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines are developed by the independent scientific organization International Commission on Non-Ionizing Radiation Protection (ICNIRP) and include safety margins designed to assure the protection of all persons, regardless of age and health. Federal Communications Commission (FCC) Notice (United States): Before a wireless device model is available for sale to the public, it must be tested and certified by the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure.

The SAR limit adopted by the USA and Canada is 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported to the FCC for this device type is compliant with this limit.



## **Body Worn Operation**

Important safety information regarding radiofrequency (RF) radiation exposure is as follows:

- To ensure compliance with RF exposure guidelines, the device must be used with a minimum of 2.5cm distance from the body.
- Failure to observe these instructions could result in your RF exposure exceeding the relevant guideline limits.

# FCC Statement

\* This device should be installed and operated with a minimum distance of 20 cm between the radiator and your body when you use the device via a USB cable.

15.19

NOTICE:

This device complies with Part 15 of the FCC Rules [and with RSS-210 of Industry Canada].

Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

15.21

NOTICE:

Changes or modifications made to this device not expressly approved by Huawei Technologies Co., Ltd. may void the FCC authorization to operate this device. 15.105 NOTE:



This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by connecting or disconnecting the device to a PC, the user is encouraged to try to correct the interference by adopting one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance between the device and the receiver.
- Connect the device to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for help.

## FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

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