

# Huawei EC 121

**TATA**  
*photon* Whiz

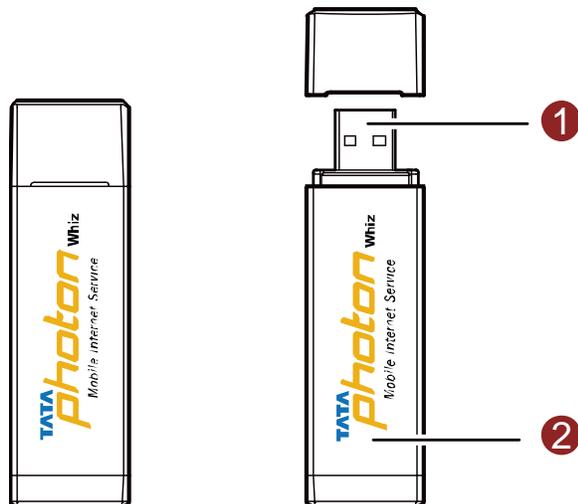


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## KNOW YOUR DEVICE

This is a sketch for EC121. The actual product may differ.



### ❶ USB connector

Connects to the USB port of a PC

### ❷ Indicator

It indicates the status of the EC121.

- On: The EC121 is powered on.
- Blinking once every 2s: The EC121 is searching for the network or the network is not found.
- Blinking twice every 2s: The network is found.
- Blinking once every 0.2s: The EC121 is engaged in a call or a data service.

## SYSTEM REQUIREMENTS

To use the EC121, the computer must meet the following requirements:

- Supporting OS
  - Windows 2000 SP4, Windows XP SP2, Windows Vista
  - Mac OS X 10.4 and 10.5 with latest upgrades
- Your computer's hardware system should meet or exceed the recommended system requirements for the installed version of OS
- Display resolution: 800 × 600 or above

## TECHNICAL SPECIFICATIONS

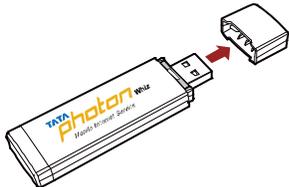
<b>Form Factor</b>	USB Stick	
	<b>Antenna:</b>	
	Internal	
	<b>Size:</b>	
	67.1mm x 23.2mm x 10.6mm	
	<b>Weight:</b>	
	20g	
<b>Peak Speed:</b>	153.6Kbps (UP/DL)	
	<b>Features</b>	Plug and Play
		Data, SMS, PC Voice
		CDMA200 1XRTT:
Compatible to CDMA IS-95 A/B 800MHz		
<b>Tech. Specs.</b>	UIM: ROM-SIM; R-UIM	
	<b>Operating System:</b>	
	Windows 200, XP, Vista, Apple Mac	

## INSTALLATION PROCEDURE FOR WINDOWS

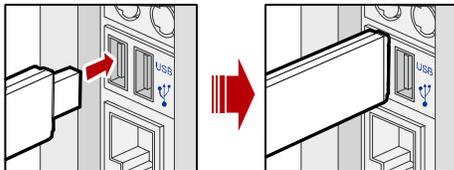
The procedure for installing the management program is subject to the operating system (OS) installed on your PC. The following section takes Windows XP as an example.

### Installing the EC121

Press the right and left side of the cover, and then remove it.



Connect the EC121 to the USB port of the PC.



The driver runs automatically. The Welcome interface is displayed.

**Note:**

- If the driver does not run automatically, double-click **My Computer**. Then double-click **Tata Photon Whiz** CD-ROM to install the driver. Alternatively, open **My Computer > Tata Photon Whiz**. Then double-click **Autorun.exe** to install it.
- If there is more than one language, the Installer Language interface is displayed. Select a language and click **OK**.

Click **Next**. The License Agreement interface is displayed.

Read the license agreement carefully. If you agree with the license agreement, select **I agree**. The Choose Install Location interface is displayed.

Choose the install directory and click **Next**.

Click **Install**. The Tata Photon Whiz is installed.

Click **Finish** to complete the installation.

### Launching the Tata Photon Whiz

After the EC121 is installed, the Tata Photon Whiz is launched automatically. Then every time the EC121 is connected to the computer, the Tata Photon Whiz is launched automatically.

You can double-click the shortcut icon of the Tata Photon Whiz to launch it.

### Removing the EC121

1. Log out of the Tata Photon Whiz.
2. Remove the EC121.

### Uninstalling the Tata Photon Whiz

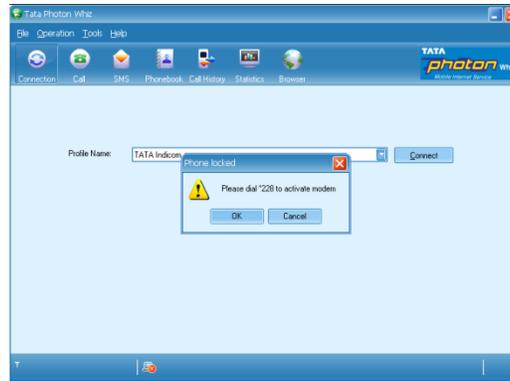
1. Click **Start** Menu.
2. Click **Control Panel**.
3. Find the management program, and click **Add/Remove Program** to uninstall it.

**Note:**

It is recommended to restart the PC after the un-installation to ensure that Tata Photon Whiz is completely removed.

### Activation Process

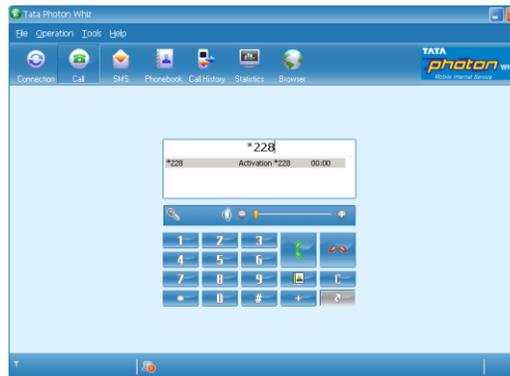
1. The production samples should be delivered to the customer with the default MIN. After the software is installed, the **Phone locked** dialog box is displayed, prompting you to perform OTAF dialing.  
See the following figure.



2. Click **OK** on the Phone locked dialog box, as shown in the following figure.



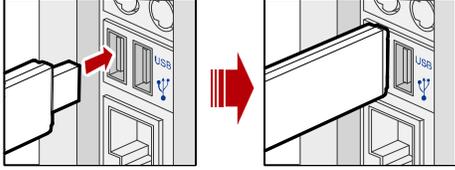
3. After pressing **OK**, you access the Call window. Then dial **\*228** for activation (provisioning on MIN & MDN).



4. You should listen to the Interactive Voice Response (IVR) that provides the information about language selection, services (postpaid or prepaid) details, and 14-digit PIN number from the TATA provision team. Then your device will update with the proper MIN and MDN, and be available for service.

## INSTALLATION PROCEDURE FOR MAC OS

1. Connect the EC121 to the USB port of the PC.



2. Install EC121 Dialer & Driver  
Insert the EC121 device into computer



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

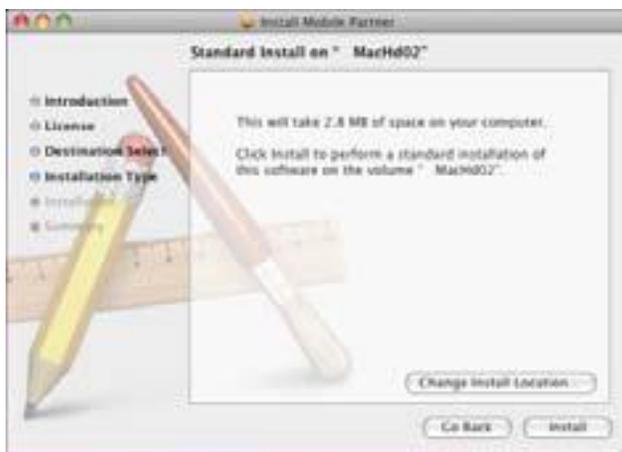




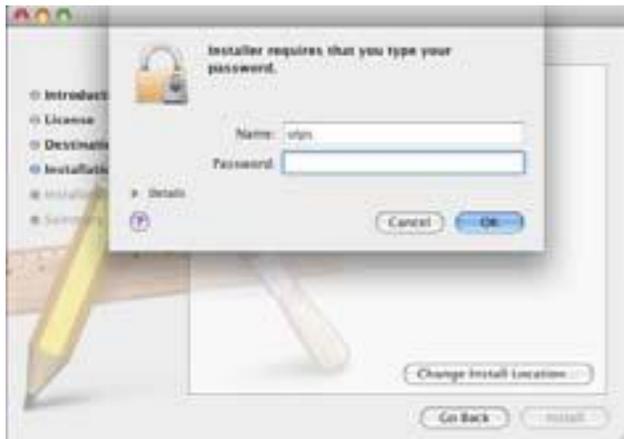
4. Read the Software License Agreement then click “Continue”.  
Click “Agree” to accept the license agreement.



5. Click “Install”.



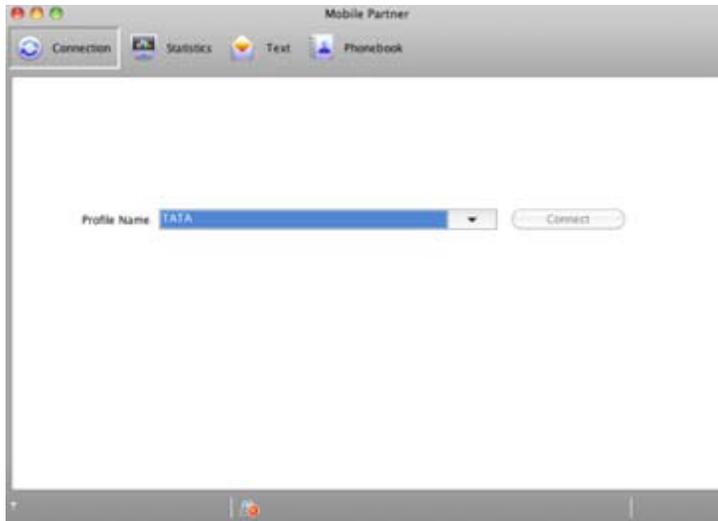
6. Then enter your laptop's password when pop up window appears



7. When installation is successful click on close button



8. When the installation is complete, the following dialer appears  
Please click on the "Connect" button and start surfing as shown in the image below



### Un-installation of Application Software

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

### FAQ

1. When Datacard is connected to computer, how can I confirm the USB Modem has been successfully installed?

You may confirm it in Device Manager: → Open "Control Panel". → Select "System" → Open "Hardware", select "Device Manager" → Unfold the Modem and ports. After the dashboard install well, you can check the information in device manager of you computer named "HUAWEI Mobile Connect"

2. When I want to do dial-up, what is the mean of fail code 619?

It may be caused by weak signal, we advise you try to change the position to a strong signal place.

3. What can I do if I cannot connect to a website?(e.g.: MSN\gmail)

1) Check whether the website is forbidden. λ Change a modem or connect the website with the wired-network.

2) The network of the Operator do not support the transmission of mass data flow. λ Try to ping the website. λ Make a comparison test by the modem of the other Operator or the other network.

4. When the Modem is connected to computer, there is a "!" at the mass storage.

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1) Unplug the modem when CD-Rom is running, plug it again may has the "!"(especially windows2000) Unplug the modem, wait for 5 seconds, and then re-plug. If fail, unplug the modem and reboot computer, then re-plug the modem.

2) Conflict with the CD-ROM drive. λ Make a test with the latest firmware. Uninstall the virtual CD-ROM, or update the firmware by the latest one.

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5. When the modem is connected to computer, LED display is normal, but no port in the Device Manager.

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λ Unplug and plug the modem. Use the other USB interface. If fail, unplug the modem and reboot computer.

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6. Modem will not create the CD-drive correctly or will continually pickup and drop the Modem hardware on a computer running Windows XP Media Centre Edition.

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Disable the Media Centre Extender Service. Disabling this service has resolved the large majority of issues with XP Media Centre Edition.

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7. When I want to do data operation, what is the mean of fail code 31?

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Please try it again, that is temporary failure.

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8. When I want to do Data Connection, what is the mean of fail code 633?

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The Driver of USB Modem is abnormally installed, or repeat dial-up when you dial-up has already been successfully connected.

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9. When I want to do Data Connection, what is the mean of fail code 680?

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The laptop might be installed more than one Modem. For example, if you would like to dial-up via Huawei USB Modem, but actually another modem / modem of other brand is inserted into your computer.

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10. When I want to do Data Connection, what is the meaning of fail code 720?

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The protocol of TCP/IP run wrong, you need to re-install it.

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11. When I want to do Data Connection, what is the mean of fail code 656?

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You dial-up with Windows program while you dialing-up with another background program.

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12. When I want to do Data Connection, what is the mean of fail code 797?

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You dial-up in windows network connection which has been configured, while the USB Modem is not inserted, or no network.

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13. What about the temperature of the datacard?

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The device will heat up while working, although the heat is in safe scope, please take care of babies and little children, getting more information please refer to user manual.

**14. Not working with Lenovo X-200 and T-400 laptops, except for first time?**

Download patch for Lenovo laptops from website.

<http://www.huawei.com/mobileweb/en/doc/list.do?type=-1&id=6060>

**15. How to confirm successful installation?**

Open Control Panel > System > Hardware > Device Manager. Unfold 'Modem' and 'Ports'. Check for 'Huawei Mobile Connect'.

**COMPATIBILITY LIST WITH OS AND LAPTOPS**

**ASUS**

Brand	Model	OS	Compatibility	remark
Asus	A8H75SC	Vista SP1	Y	
Asus	Pro31F-AP101M	XP SP3	Y	

**ACER**

Brand	Model	OS	Compatibility	remark
Acer	Aspire 4710	Vista SP1	Y	
Acer	Aspire 5630	XP SP3	Y	

**DELL**

Brand	Model	OS	Compatibility	remark
DELL	Latitude D610	XP SP2	Y	
DELL	Inspiron 1420	Vista SP1	Y	

**HP**

Brand	Model	OS	Compatibility	remark
HP	Compaq NX7400	XP SP3	Y	
HP	Compaq NC8430	XP SP3	Y	
HP	Pavilion DV6385ea	Vista	Y	

**IBM**

<b>Brand</b>	<b>Model</b>	<b>OS</b>	<b>Compatibility</b>	<b>remark</b>
IBM	X41	XP SP3	Y	
IBM	X61	Vista	Y	
IBM	T42	Win2000 SP4	Y	
IBM	T61	XP SP2	Y	
IBM	X31	XP SP3	Y	

**TOSHIBA**

<b>Brand</b>	<b>Model</b>	<b>OS</b>	<b>Compatibility</b>	<b>remark</b>
TOSHIBA	Satellite A135	Vista	Y	
TOSHIBA	Satellite L30-107	Vista SP1	Y	

**SONY**

<b>Brand</b>	<b>Model</b>	<b>OS</b>	<b>Compatibility</b>	<b>remark</b>
SONY	VGN-NR17G	Vista SP1	Y	
SONY	VGN-TX46C/B	XP SP3	Y	
SONY	VGN-SZ340p	XP SP3	Y	

**FUJITSU**

<b>Brand</b>	<b>Model</b>	<b>OS</b>	<b>Compatibility</b>	<b>remark</b>
Fujitsu	U1010	Vista	Y	
Fujitsu	FMV-BIBLO NB55UD	Vista SP1	Y	

**ROVER**

<b>Brand</b>	<b>Model</b>	<b>OS</b>	<b>Compatibility</b>	<b>remark</b>
Rover	Voyager V514VHP	Vista	Y	

**GATEWAY**

<b>Brand</b>	<b>Model</b>	<b>OS</b>	<b>Compatibility</b>	<b>remark</b>
GATEWAY	MT6841	Vista SP1	Y	
GATEWAY	MT6452	Vista	Y	

**HASEE**

<b>Brand</b>	<b>Model</b>	<b>OS</b>	<b>Compatibility</b>	<b>remark</b>
HASEE	F440S	XP SP3	Y	