

Haier CE 100



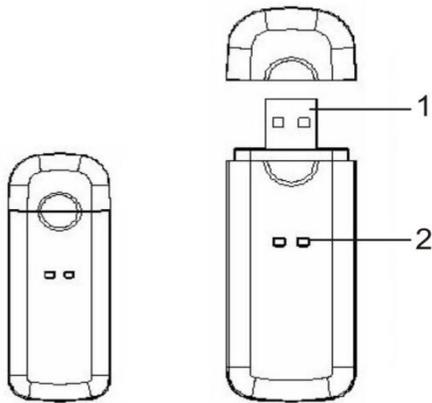
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PRODUCT FEATURES

- Mobility
- USB Modem (USB 2.0 compatible with USB 1.0/1.1)
- CDMA 2000 1x, EVDO Rev A 800MHz/1900MHz
- Speed CDMA EVDO Rev A max Download 3.1mbps, Upload max 1.8mbps
- Support R-UIM
- Internal memory Micro SD slot
- Voice and SMS through computer
- Support Operating System:
 - Windows 2000SP4/XP SP2/Vista/Win7 or
 - MAC 10.5/10.6 or
 - Linux Ubuntu 9.04&8.10
- Plug and Play
- Dimension 78mm x 28mm x 12mm (Haier CE100)

KNOW YOUR DEVICE



1. USB Plug
2. Indicator
 - a. Power : Red light on
 - b. Link : Yellow light on

SYSTEM REQUIREMENTS

- PC with USB Port
- Operating System
 - Windows 2000SP4/XP SP2/Vista/Win7 or
 - MAC 10.5/10.6 or
 - Linux Ubuntu 9.04&8.10
- System memory : 128MB or greater
- Hard drive : Atleast 100MB available space
- Display Resolution : Above 800x600

Note: If your PC has lower configuration the performance of CE100 may be lower.

INSTALLATION PROCEDURE

For different operating system, the installation process is different, please follow the operating guidelines.

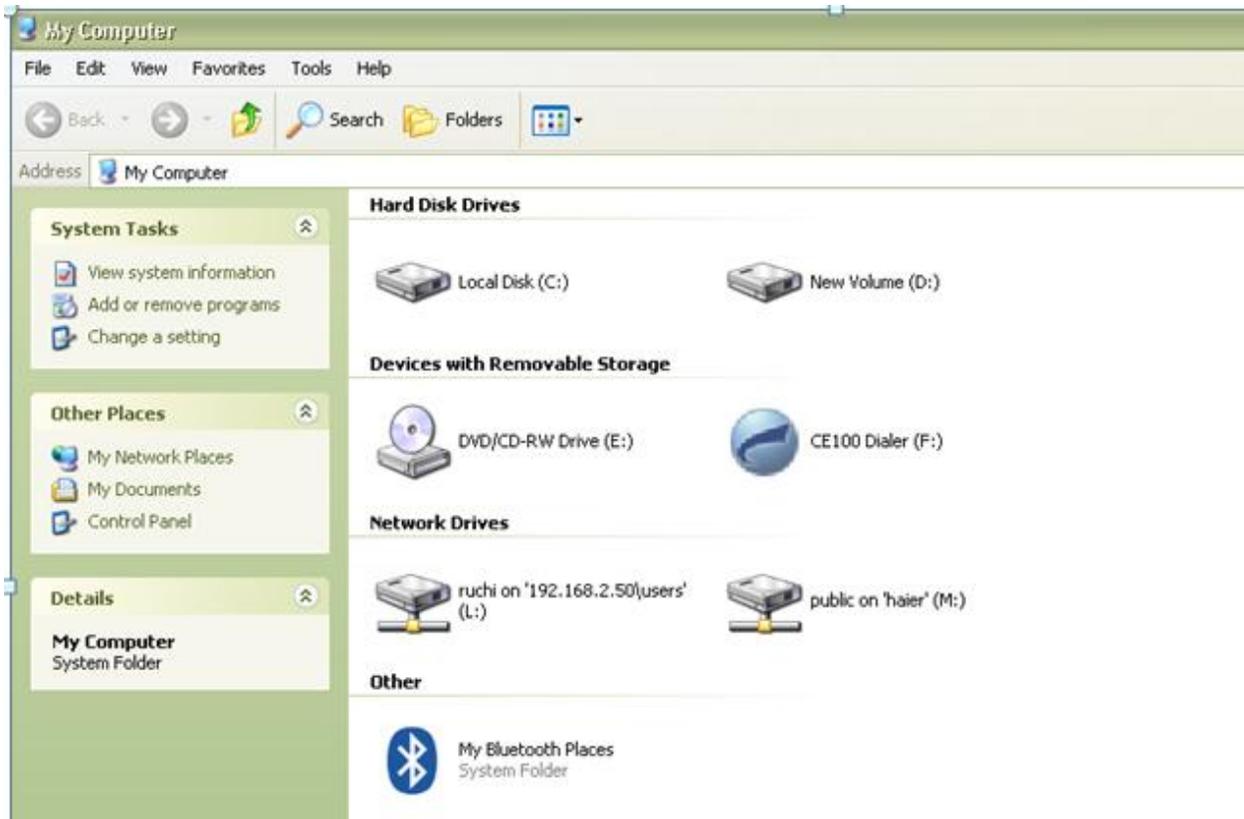
[CE 100 Installation in Windows XP](#)

1. Connect CE100 with PC

Connect CE100 with PC via USB.

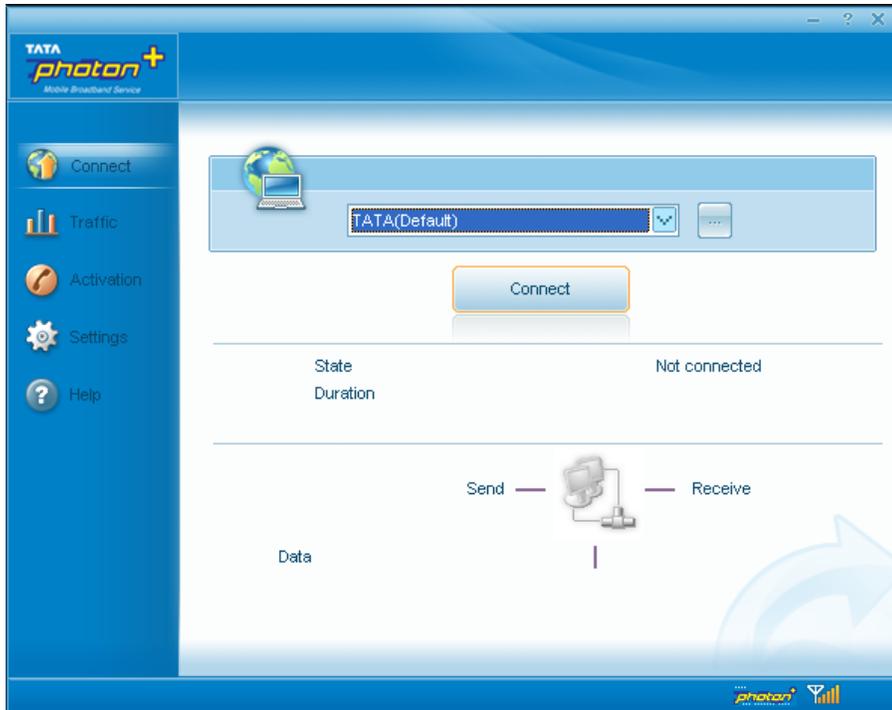
Install CE100 Dialer & Driver

1. After inserting the CE100 into computer, if PC opens the auto run function. it will pop up an installation interface. If not, please double click "My computer" >>CE100 Dialer as shown in the figure below. Open it and double click the "AutoRun.exe" file.



2. It will install the Dialer & Driver automatically.

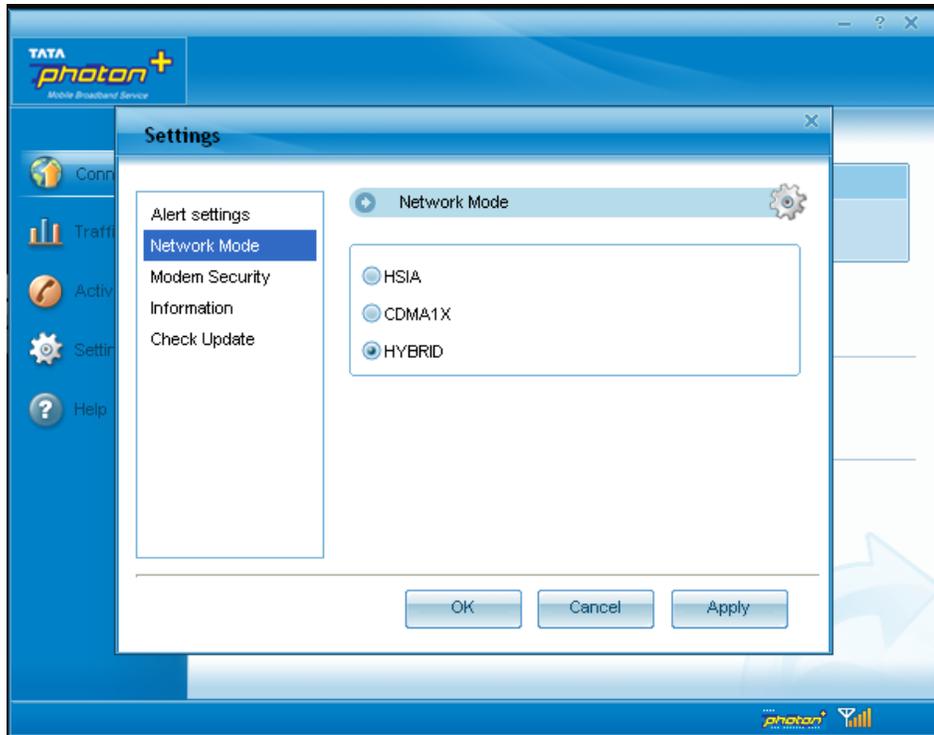
3. After installation, back to desktop, click icon of CE100 . The main interface appears. Press connect button to start the connection.



Settings:

To change network mode you can press Setting menu – network mode where you can to HSIA/CDMA 1X/HYBRID.

- HSIA: Modem will work only in HSIA network if available.
- CDMA 1X: Modem will work only in CDMA 1X network if available.
- HYBRID: Modem will work only in both the network which if available.



Uninstalling of Application Software

1. Remove the CE100 from the system then pull it out.
2. Open “add/remove program” in the control panel.
3. Click on “Remove” and Uninstall the program.

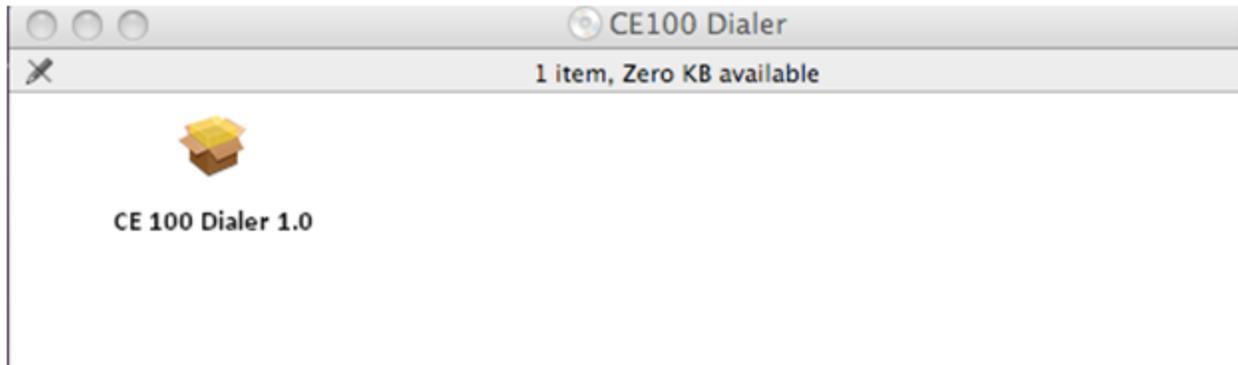
CE 100 Installation in Mac OS

1. Connect CE100 with Mac

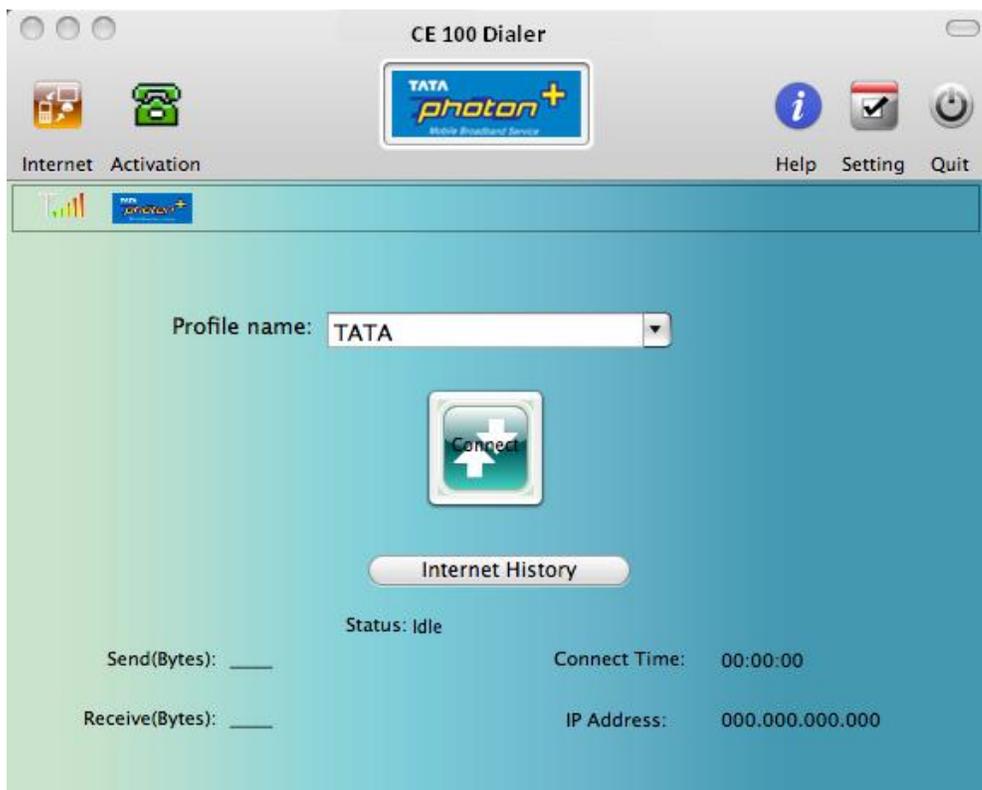
Connect CE100 with Mac via USB.

2. Install CE100 Dialer & Driver

1. Insert CE100 into computer, click icon of “CE 100 Dialer1.0” which appears in main interface as shown in the figure below



2. After clicking the icon press continue to finish CE 100 Installation, When CE 100 installed successfully then it pop ups below dialer, where you can press connect to start the connection.



Settings:

To change network mode you can press Setting menu – network mode where you can to HSIA/CDMA 1X/HYBRID.

- HSIA: Modem will work only in HSIA network if available.
- CDMA 1X: Modem will work only in CDMA 1X network if available.
- HYBRID: Modem will work only in both the network which if available.



CE 100 Installation in Linux

For CE100 data card, it can work on all kinds of Linux OS version. The following will list several popular version for the detail steps how to use on it, such as Redhat, Ubuntu, Suse, Dedian, etc.

Ubuntu

- Before proceeding further make you have wvdial installed on your laptop/desktop ,if not then install it by writing `apt-get install wvdial` in terminal .(you need internet connection for it)
- Now Plug in your modem in usb port , on inserting you will notice icon of CE100 on your desktop screen , right click on it and eject it.

1. In terminal write the following command:
\$sudo lsusb

Sometimes you need to input the password for sudo, such as

[sudo] password for ***:

Please input it, then it should have similar information as follows:

Bus 002 Device 002: ID 201e:2009

Here the 201e:2009 is very important; it corresponds to the VID&PID of the data card.

2. Now it should load the proper module to let the kernel know the device. Do as follows:
\$sudo modprobe usbserial vendor=0x201e product=0x2009

After that, using the command “dmesg” to check again, it will see the following information:

```
usbcore: registered new interface driver usbserial
drivers/usb/serial/isb-serial.c: USB Serial support registered for generic
usbserial_generic 2-2:1.0 generic converter detected
usb 2-2: generic converter now attached to ttyUSB0
usbserial_generic 2-2:1.1 generic converter detected
usb 2-2: generic converter now attached to ttyUSB1
usbserial_generic 2-2:1.2 generic converter detected
usb 2-2: generic converter now attached to ttyUSB2
usbcore: registered new interface driver usbserial_generic
drivers/usb/serial/usb-serial: USB Serial Driver core
```

It's ok for loading the device, the next steps should introduce how to dial the data service. We use the wvdial command as example.

3. Edit the wvdial configure file by typing the following command:
\$sudo gedit /etc/wvdial.conf

On entering the above line a new window will pop up , Fill in the details as given below and click save and close that window.

Edit the wvdial.conf file as follows:

```
[Dialer Defaults]
Init = ATZ
Init = ATQ0 V1 E1 S0=0 &C1 &D2 +FCLASS=0
Modem Type = USB Modem
Baud = 115200
Modem = /dev/ttyUSB0
```

Phone = #777
Username = internet
Password = internet
Stupid Mode = 1

4. Do the wvdial to connect data service:
\$sudo wvdial

This command will initialize the modem and connect you to internet .

Once you are connected press CTRL+C to disconnect from internet.

From next time , :-

- 1) Plug in the device , eject it .
- 2) **sudo modprobe usbserial vendor=0x201e product=0x2009**
- 3) **sudo wvdial .**
- 4) **ctrl+ c to disconnect**

TROUBLESHOOTING

If your HSIA Modem has abnormal conditions, please check it with 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 "CE100 Dialer", open it and run the autorun.exe manually
Cannot install driver successfully	Please try to uninstall (If installed previously) 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 "CE100 Dialer" from "My Computer". If so, then eject the CD by right click on the icon and pressing "Eject".
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.