EpiValley 8089





Table of Contents

Product Features	3
Device Overview	3
Technical Specifications	4
System Requirements	4
Installation Procedure	5
Windows	5
Introduction for installation	5
Starting Setup	5
Starting Installation	6
USB Driver Installation	7
Un-installation Procedure	8
Launching Access Manager	10
Activating the Photon Plus Device	11
Using Photon Plus Access Manager	12
Mac OS	15
Installation Procedure	15
Un-installing Procedure	16
Access Manager Installing Guide	17
Launch Access Manager	20
Setting Up Internet Connection	21
Network Settings	21
Linux	23
Installation Procedure	23
Configuration Of The Internet Connection on Text Interface	24
Configuration of the Internet Connection On Graphic Interface	28
FAQ	35

PRODUCT FEATURES

- Sleek Slim and Stylish design with an internal antenna.
- Operating System
 - Supports Windows
 - 2000, XP, Vista32/64, Win7
 - Supports Mac OS version (Presently supports only drivers)
 - 10.5, 10.6 except Snow Leopard
 - Supports selected version of LINUX OS (Only drivers support, No dialer support)
 - Ubuntu-7 & above
 - Fedora Core 5.6 & above(Not Supported with Fedora11)
 - SUSE 9,10 & above
 - Debian Linux 5,6 & above
 - Redhat Enterprise Linux 3 & above
- Support Memory storage drive SD card up to 8GB
- Complete PNP functionality support on Windows OS.
- Support the PC-Voice functionality and Ear-Jack*. (Presently the voice functionality is limited to the *228 activation process)
- Supports SHDR functionality for improved throughputs
- Supports Hybrid mode of operation between CDMA 1x and EVDO
- Supports Standard USB 2.0 interface



TECHNICAL SPECIFICATIONS

Functions	Specifications		
Main Operation Chip	QSC-6085		
CDMA Standard	IS-856-A, TIA/EIA/IS-2000, IS-98	E	
CDMA Stanuaru	Backwards compatibility with IS-9	5 A/B	
	Cellular 800 Single Band Support		
Frequency Band	Band Class 0		
Frequency Banu	TX: 824 ~ 849 MHz		
	RX: 869 ~ 894 MHz		
Transmit Power	200mW		
Power supply	USB Power		
LEDs	1 Multi-Color LED		
LEDS	RSSI Level: Normal (Green) / W	/eek (Orange) / No service (Red)	
PPL /OTA ourport	IS-683C		
PRL/OTA support	Roaming (PRL Support) and Over	the Air Service Provisioning (OTASP)	
Antenna	Intenna / Rx Diversity		
Interface Type	USB Connector / USB 1.1 (&2. 0 Compatible / Full Speed)		
T-Flash	Supported		
Voice Jack	Supported (Only for activation procedure)		
Dimension	W:25.4 D:77 H:10 (mm)		
Weight	Net (19g), Gift box (75g)		
Case Material	PC Plastic		
	Operating temperature range	-20C to +60C	
Operating environment	Storage temperature range	-30C to +65C	
	Humidity	5% to 95%(non-condensing)	

SYSTEM REQUIREMENTS

The Photon+ Modem supports an complete Plug and Play feature for the automatic installation of USB drivers and PC-Client tool (Access Manager) on

• Windows

- Windows 2000, XP, Vista and select Linux versions
- Supports standard USB 1.1 & 2.0
- 100Mb free hard disk space or above
- 128Mb RAM or above

• MAC

- Mac OS X Leopard version
- Supports standard USB 1.1 (USB 2.0 Compatible)
- 10Mb free hard disk space or above

• Linux

- The following the version of Linux is supported.
 - Redhat Enterprise Linux 3 & above
 - Fedora Core 5,6 & above
 - SUSE Desktop Linux 9,10 & above
 - Debian Linux 5,6 & above
 - Ubuntu Linux 5,6 & above
- Supports standard USB 1.1 (USB 2.0 Compatible)
- 10Mb free hard disk space or above

INSTALLATION PROCEDURE

Windows

Introduction for installation

The Wireless Modem supports an automatic installation function of USB driver and PC-Client tool (Access Manager) for Windows® 2000, Windows® XP, Windows® Vista 32 / 64.

After plugging the Wireless Modem on your computer, it will mount a CD Driver. It has an execute file as Autorun.exe which will check whether your computer needs to install it or not.

If your computer needs to install it, the Autorun.exe will execute the Setup Wizard program for installation.

Starting Setup

Insert the Wireless Modem into a USB port on your computer. To run the auto-installation, please wait about 1 minute for loading the installation file through the Wireless Modem.

- Autorun.exe application could be disabled on some computers due to local IT policies. Contact your system administrator in this case.

- If the AutoRun feature on Windows is disabled on your computer, you can install it manually. Follow the steps below for the first time installation.

1) Open Windows Explorer or My Computer, and the CD Driver 'Photon+' appears.

2) Click CD Driver 'Photon+'.

3) Execute 'Autorun.exe' program for starting the installation.

Starting Installation

After the 'Initializing...' display in the Starting Setup, 'Welcome to the Photon+ Access Manager 1.0 Setup Wizard' will appear.

1) Click '**Next**' button in order to proceed.



2) Default Installation directory is 'C:\Program Files\TATA\Photon+\'. You can change it to the desired directory location by Pressing the 'Browse...' button.

Choose Install Location	in the Phase is a second second	
choose the rolder in which t	to install Photon+ Access Mana	ger I.U.
	ccess Manager 1.0 in the follow ect another folder. Click Install	ing folder. To install in a different to start the installation.
Destination Folder		
Destination Folder C: WProgram Files WTAT	A₩photon+₩	Browse
	AWphoton+W	Browse

Click 'Install' button to continue the installation.

3) When the installation is completed, click 'Finish'.



USB Driver Installation

After 'Starting Installation' stage, the Wireless Modem automatically change to the Modem instead of the CD Driver.

Then you will notice that the device drivers are being automatically installed at this stage (Notice the System tray at the bottom right of the screen) and once the installation process is completed "Your New hardware is installed and ready to Use" will be displayed.

 Found New Hardware

 Your new hardware is installed and ready to use.

IMPORTANT NOTE

•DO NOT unplug the Wireless Modem during the USB driver installation.

- •DO NOT move the Access Manager launched automatically during the USB driver installation
- •DO NOT restart the computer during the USB driver installation.

X If the USB driver is not properly installed, Re-run the installation process after completing the steps mentioned in the Uninstalling Guide.

Un-installation Procedure

Please note that in the Access Manager you will not be able to **Completely** Uninstall the Access Manager if the

Access Manager is running either on desktop or in the system tray.

IMPORTANT NOTE

• Please UNPLUG your Wireless Modem before uninstalling.

• Before uninstalling the Access Manager, please **CLOSE** the Access Manager on the desktop and

also from the system tray.

(You will see a 'Photon+ Access Manager' icon at the bottom right of your desktop screen.)

Uninstalling Procedure I

Exit the Access Manager from the system tray as shown below: Select '**Exit**' on Tray Menu _ Click '**OK**' button.



IMPORTANT NOTE

- Please UNPLUG your Wireless Modem before uninstalling.
- Before uninstalling the Access Manager, please CLOSE the Access Manager from the desktop and also from the system tray.

(You will see a 'Photon+ Access Manager' icon at the bottom right of your desktop screen.)

<u>Uninstalling Procedure II</u>

Program could be uninstalled by either accessing the Uninstall menu. **Open START menu _Programs _ TATA _ Photon+ _ Click Uninstall** Or

Open START menu _ Control Panel _ Add Remove Programs _ Change or Remove Programs _ Click Photon+ Access Manager 1.0.



Click '**Yes**' button to continue..

Click YES if you want to remove the entire Access manager along with the USB Modem Drivers.

Click NO to just remove the Access Manager application.

Please war	while Photon+ Access Manager 1.0 is being uninstalled.	C

	🗣 Photon+ Access Manager 1.0 Uni 📓	
	2 Do you like to remove Modern Driver ?	
	Yes No	
	ikan di kana di	

Click **YES** to complete, and your computer will restart.

temove folder: C:	Program Files	(TATA)			
Delete file: C:IPr	ogram Files\TA	TAlphoton+1	hiversij386ij8	VUDUninstall.ex	
Del Cel Photo	n- Access	Manager 1	0 Uninst	eli	×
Del ?	ou have to re	boot systemil	Do you want	to restart your	pystem now?
Rei 🖌					
Rei Rei		Yes	No		
Ren Remove folder: 0	Albertan Eda	ITATAL			
Remove folder: (-

But if you didn't unplug the Wireless Modem, the below window will pop-up. In this case, click **OK** to complete and manually **restart** your computer.



Launching Access Manager

Running Access Manager

Plug the Wireless Modem in a USB port, and Access Manager will run automatically on

Windows OS. Otherwise double click '**Photon+**'()) icon in your desktop or select 'Start _ All Program _ TATA _ Photon+'.

After initialization, the main window of application will be displayed on the screen as shown below. The main window has five Menus with specific functions.



Menu Item	Description
Web	Display for the internet connection manager.
	Display for the log statistics.
Settings	Set General, Lock, Network, Information, Activate Wizard.
E-mail	Open the e-mail client.
Internet	Open the Internet explorer browser.

The below table lists the status information on the Access Manager

Status Item	Description
Status bar	The status bar display for date/time, network signal and packet information. Tail Photon [‡] 06-05-2009 23:22:20
Network signal Information	Photon+ network information Indicates the network signal strength. Photof Indicates the Photon+ network identification.
Internet Connection	When connected, you can check connection time and received packet size, also the packet speed is shown on the status bar. Rx:17.4Kbps Tx: 36.7Kbps : Rx/Tx packet speed on the status bar. Connect Time: 00:00:22 / Rx Packets: 9380 bytes : Current time and total Rx packet.
Tray ICON	When presse the Minimize button, the Access Manager will disappear, later you can see the Tray icon as following. Image: Status / Image: Status Image: Status / Image: Status

Activating the Photon Plus Device

If you see the following message on the Access Manager, you should activate the Wireless Modem following the audio instructions received from the Server by PC-Voice.

Dial *228 to activate Modem

1) Click "Dial *228 to activate Modem" button, the Access Manager will try to call for activation.

2) If the activate call is connected successfully, 'PIN Code Dialog' will pop-up. Input the correct PIN Code following the instructions received from the Server.

Click your	PIN Cod	e 🔀
1	2	3
4	5	6
7	8	9
*	0	#

3) If the activating procedure is successful, "Programming Successful.." message will be displayed.

Using Photon Plus Access Manager

Setting Up the Internet Connection



Click 'Web' icon.

Editing Profile

When installing the Wireless Modem the Internet connection profile is created. To edit the profile information follow the

steps below.

- 1) Click 'Web' icon to display the Internet connection profile details.
- 2) Select the Internet connection profile displayed.
- 3) Click 'Edit'.
- 4) Enter the Internet connection number '**#777**'.
- 5) Enter the user name as 'internet' and password as 'internet'.
- 6) Click '**OK**' button in order to save.

Internet Connection on 'Web'

Click the Connect button () flashing on the Web screen to establish the connection. There is a default profile to connect to the TATA Indicom web page. Click the below logo at the bottom right of the Access Manager.



Display the Statistic Information



Click **'Log'** Icon. The 'Internet Log' feature provides information on the Internet usages such as Date, Duration, Rx, Tx total bytes.

Settings and Information

General Settings

Select 'Settings' Icon -> Click 'General' tab Items Description

Items	Description
Auto termination when Windows go	The Access Manager will exit automatically when your computer is
to power saving mode	switched to power saving mode.
Auto execution when Windows startup	The Access Manager will start automatically when the Windows is
	booted.
Execute the Access Manager	The Access Manager is minimized on the Tray bar and runs on the
on Background	background when you click "Close".

Lock Settings

Select 'Settings' Icon -> Click 'Lock' tab

The default lock value is four zero "0000". For changing the lock value, follow the stpes mentioned under 'Change Lock Code' setup.

Items Description

Items	Description		
General Lock	When set, you need to enter the lock code every time you run the Access Manager.		
Internet Lock	When set, you need to enter the lock code every time you access the 'Web' for the Internet connection.		
Change Lock Code	 You can change the lock code value. 1) Enter the current lock value. 2) Enter the new lock value. 3) Retype the new lock value in 'Confirm New Lock Code'. 4) Click 'OK' button. 		

Network Settings

Select 'Settings' Icon ->Click 'Network' tab. You can change the mode of preference as 'Hybrid Mode', '1xOnly' and 'Photon+ Only'.

Preference Mode	Description
Hybrid mode	The Wireless Modem will operate in dual mode with Photon+ and 1x periodically.
1xOnly	The Wireless Modem will operate only in CDMA1x mode without Photon+.
Photon+ Only	The Wireless Modem will operate only in Photon+ mode without CDMA1x.

Information

Select 'Settings' Icon -> Click 'Information' tab

The information tab displays the following items:

1) Application Information Version.

2) PRL ID information

3) Wireless Modem information as Model name, S/W version, H/W version, MEID and pESN.

Activation Wizard

You can reactivate the Wireless USB Modem in the Setting Menu.

Select 'Settings' Icon -> Click 'Activate Wizard' tab -> Input Lock Code "0000". The default Lock Code is four zero "0000" and it is different from the General Lock Code.

Follow <u>Activating the Photon Plus Device</u>

Mac OS

The Wireless Modem does not support the automatic installation function on Mac operating system. You need to install it manually following the recommended steps.

Installation Procedure

Insert the Wireless Modem into a USB port on your Mac computer. You may see the Photon+ CD Driver on the Desktop.

Start the Setup



NOTE:

First of all, you have to install the '**USB Modem Driver'** installer package, and then need to install the '**Installer_Photon+'** package.

USB Driver Installation

Double click the 'USB Modem Driver'



1) Click the 'Install' button in order to proceed.









3) Click the 'Continue' button to accept the Software License Agreement.



4) Click the 'Agree' button.



5) Click the 'Install' button to start installation.



6) Input your 'Password' when prompted, and click the 'OK' button.

	Installer requires that you type your password.
	Name: pcwiz
	Password:
▶ Details	
?	Cancel OK

7) Click the 'Continue' button to start the installation process.

. 😝 😋 😒	🥪 Install Photon+		🥪 Install Photon+
	Installing Photon+		Installing Photon+
 Introduction License Destination Select Installation Type 	Preparing for installation	Introduction License Destination Select Installation Type	Installing Photon+
Installation		⊖ Installation	
Summary		e Summary puppuppup and a s	Writing package receipt
V			
V	Go Back Co	ontinue	Go Back Continue

8) Click the 'OK' button to complete the installation process.

900	🥪 Install Photon+
e Introduction	Installation completed successfully
Elicense Destination Select Installation Type Installation	Install Succeeded
e Summary	The software was successfully installed.
2	Go Back Close

Launch Access Manager

Plug the Wireless Modem in a USB port, and click the 'Photon+ Access Manager' in the Applications places.

Click the 'Finder' \rightarrow Select the 'Applications' in Places \rightarrow Click the 'Photon+' Access Manager item.



After initialization, the main window of the application will be displayed on the screen as shown below.



The Access Manager will try to search for the Wireless Modem device, and then the Access Manager will be displayed on the screen as shown below.



Setting Up Internet Connection

Internet Connection



) for connecting to the Internet service. After the tal nackets and Current Bate will be displayed as show

connection is established, the Total packets and Current Rate will be displayed as shown below.



To disconnect, click the disconnect button (

Network Settings

Add Profile

On the menu bar of the management program main interface, click the 'Network' menu \rightarrow Click the 'Setting Profile' item.

Select	Profile Name	Dial Number	User Name	Password
	TA	#777	internet	internet
Q All			Add	Remove Apply

There is the default profile to TATA, but if you need to add another profile, you can add as following steps.

- 1) Click 'Add' button.
- 2) Enter the Profile Name as 'TATA'.
- 3) Enter the Dial Number as '#777'.
- 4) Enter the user name as 'internet' and password as 'internet'.
- 5) Click 'Apply' button in order to save.

Setting Network

On the menu bar of the management program main interface, click the 'Network' menu \rightarrow Click the 'Setting Network' item.

Hybrid mode	letwork Type	Hybrid mode
-------------	--------------	-------------

You can change the mode of preference as 'Hybrid mode', '1xOnly' and 'Photon+ Only'.

Preference Mode	Description
Hybrid mode	The Wireless Modem will operate in dual mode with Photon+ and 1x
	periodically.
1xOnly	The Wireless Modem will operate only in CDMA1x mode without
	Photon+.
	You may use the 1xOnly mode in an area without Photon+ coverage.
Photon+ Only	The Wireless Modem will operate only in Photon+ mode without
	CDMA1x.
	If you do not need to use the CDMA1x data service, you can disable it.

Modem Information

On the menu bar of the management program main interface, click the 'Network' menu \rightarrow Click the 'Modem Information' item.

D	10003
Modem Info	
Model	SEC-8380
S/W	ST8380DT03
H/W	1.0
pESN(hex)	0x16A834F1
MEID(hex)	0x000000000000000
Application	
	App. Ver : Build 1.0.0
(C)	2009 Epivalley Co. Ltd.
	All rights reserved.

The information tab displays the following items:

1) PRL ID information.

2) Wireless Modem information as Model name, S/W version, H/W version, MEID and pESN.

3) Application Information Version.

<u>Linux</u>

Installation Procedure

Insert the Wireless Modem into a USB port on your Mac computer. You may see the Photon+ CD Driver on the Desktop.

Start the Setup

Insert the Wireless Modem into a USB port in your computer. The Photon+ CD Driver will



appear on the Desktop.

- 1. Click the right button of the mouse to displaying the menu.
- **2.** Click the 'Eject' item in the Menu, later the modem port of Wireless Modem will loading in "/dev/tty" directory.

Den <u>B</u> row	se Folder	
<mark>₩</mark> Cu <u>t</u> <u>C</u> opy		
Ma <u>k</u> e <u>R</u> ena		
Mo <u>v</u> e	to Trash	
	ch lcon ore lcon's Origina	l Si <u>z</u>
Creat	e Archive Disc	

IMPORTANT NOTE: To use the Internet connection, it should be executed before.

<u>Configuration Of The Internet Connection on Text Interface</u>

1) Log in the Graphical Interface and open the '**Terminal'** from 'Applications'. Terminal can be found at;

* Click 'Applications' → Click 'Accessories' → Click '**Terminal**'. Or * Click 'Applications' > Click 'Sectors Teole', > Click '**Terminal**'.

- * Click 'Applications' \rightarrow Click 'System Tools' \rightarrow Click '**Terminal**'.
- 2) In Terminal, type the command **'wvdialconf /etc/wvdial.conf'** to detect and install the modem for Internet connection.

```
File Edit View Terminal Tabs Help
[root@localhost ~]#(wvdialconf /etc/wvdial.conf )
Scanning your serial ports for a modem.
WvModem<*1>: Cannot get information for serial port.
ttyACM0<*1>: ATQ0 V1 E1 -- OK
ttyACM0<*1>: ATQ0 V1 E1 Z -- OK
ttyACM0<*1>: ATQ0 V1 E1 S0=0 -- OK
ttyACM0<*1>: ATQ0 V1 E1 S0=0 &C1 -- OK
ttyACM0<*1>: ATQ0 V1 E1 S0=0 &C1 &D2 -- OK
ttyACM0<*1>: ATQ0 V1 E1 S0=0 &C1 &D2 +FCLASS=0 -- ERROR
ttyACM0<*1>: Modem Identifier: ATI -- ERROR
'ttyACM0<*1>: Speed 4800: AT -- OK
ttyACM0<*1>: Speed 9600: AT -- 0K
ttyACM0<*1>: Speed 19200: AT -- OK
ttyACM0<*1>: Speed 38400: AT -- OK
ttyACM0<*1>: Speed 57600: AT -- OK
ttyACM0<*1>: Speed 115200: AT -- OK
ttyACM0<*1>: Speed 230400: AT -- 0K
ttyACM0<*1>: Speed 460800: AT -- 🕫
ttyACM0<*1>: Speed 460800: AT -- 🗰
ttyACM0<*1>: Speed 460800: AT -- 🗰
ttyACM0<*1>: Max speed is 230400; that should be safe.
ttyACM0<*1>: ATQ0 V1 E1 S0=0 &C1 &D2 -- OK
(Found an USB modem on /dev/ttyACM0.)
Modem configuration written to /etc/wvdial.conf.
ttyACM0<Info>: Speed 230400; init "ATQ0 V1 E1 S0=0 &C1 &D2"
[root@localhost ~]#
```

* **IMPORTANT NOTE**: The modem device name is '/dev/ttyACM0'.

3) In the Terminal window, input the command 'gedit/etc/wvdial.conf' to open the configuration file as shown below.

```
wvdial.conf x
[Dialer Defaults]
Modem = /dev/ttyACM0
Baud = 230400
Init1 = ATZ
Init2 = ATQ0 V1 E1 S0=0 &C1 &D2
ISDN = 0
Modem Type = USB Modem
; Phone = <Target Phone Number>
; Username = <Your Login Name>
; Password = <Your Password>
```

4) Make the following changes in the configuration file.

- 1. Delete the semi colon(;) before the last three lines phone, username, password.
- 2. Enter Phone no '**#777**', Username 'internet' and password 'internet'.
- 3. In the end, add 2 extra lines in the configuration file.

Init3 = AT+CRM=1 Stupid Mode = 1

5) After making these changes, save the configuration file and exit from the gedit application.

```
wvdial.conf 🗙
```

```
[Dialer Defaults]
Modem = /dev/ttyACM0
Baud = 230400
Init1 = ATZ
Init2 = ATQ0 V1 E1 S0=0 &C1 &D2
Init3 = AT+CRM=1
Stupid Mode = 1
ISDN = 0
Modem Type = USB Modem
Phone = #777
Username = internet
Password = internet
```

6) Run the command 'wvdial' from Terminal to connect to Internet.

```
File Edit View Terminal Tabs Help
[root@localhost ~]# wvdial
--> WvDial: Internet dialer version 1.54.0
--> Cannot open /dev/ttyACM0: Input/output error
--> Cannot get information for serial port.
--> Initializing modem.
--> Sending: ATZ
ATZ
0K
--> Sending: ATQ0 V1 E1 S0=0 &C1 &D2
ATQ0 V1 E1 S0=0 &C1 &D2
0K
--> Sending: AT+CRM=1
AT+CRM=1
0K
--> Modem initialized.
--> Sending: ATDT#777
--> Waiting for carrier.
ATDT#777
CONNECT
~[7f]}#@!}!}!} }5}"}&} } } } } }}B#}%B#}%B#}%B#2%
--> Carrier detected. Starting PPP immediately.
--> Starting pppd at Mon Mar 12 17:22:31 2007
--> pid of pppd: 3498
--> Using interface ppp0
--> local IP address 59.161.1.248
--> remote IP address 172.23.118.80
--> primary DNS address 202.54.29.5
--> secondary DNS address 202.54.10.2
```

7) Open browser and start browsing.

8) If not able to browse, run below command in the Terminal once and the system will be ready for browsing.

'cp /etc/ppp/resolv.conf /etc/' It will ask for confirmation to overwrite, type Y to overwrite.

```
File Edit View Terminal Tabs Help
[root@localhost ~]# cp -f /etc/ppp/resolv.conf /etc/
cp: overwrite `/etc/resolv.conf'? y
[root@localhost ~]#
```

9) To end the data call close the terminal or press 'Ctrl + C'.

```
Caught signal #2! Attempting to exit gracefully...
--> Terminating on signal 15
--> Connect time 0.3 minutes.
--> Disconnecting at Mon Mar 12 17:22:52 2007
[root@localhost ~]#
```

<u>Configuration of the Internet Connection On Graphic Interface</u>

1) Click System menu \rightarrow Click Administration \rightarrow Click '**Network**'.



2) Enter the superuser 'Password'.



3) Click 'New' on Menu as shown below.



4) Choose 'Modem connection' and proceed to the next step.



5) You will get an Warning message. Click '**OK'** button to continue.



6) For Modem device input **'/dev/ttyACM0'**, for Baud rate **input '460800 bps'**, the maximum rate, and click the **'forward'** button.

3 Soloct I	Modem	ew Device Type		
Select	Modelli		_	
Modem p	roperties			
Modem	device: /dev/ttyACM0	-		
<u>B</u> aud ra	te: 460800	-		
Elow co	ntrol: Hardware (CRTSCTS)) -		
lodem <u>v</u> ol	ume: Off 🕴			
✓ Use to:	uch tone dialing			

7) Enter Phone no '**#777**' Username '**internet**' and Password '**internet**'.

Ele Profile Help	rork Configuration	
Select Provider	er Phone number Prefi <u>x</u> : A <u>r</u> ea code: Phone number: #777	
표 United Kingdom	Provider name: ATA I-Online Account Setup Login name: i ternet Password: i ternet)
		, C

8) Click 'Forward' button.

Settings			
ncapsulation mode: sync PF	PP (\$)		
Automatically obtain <u>IP</u> add	ress settings		
PPP Settings	information from provid	er	
Statically set IP addresses:			
Manual IP Address Settings-			
<u>A</u> ddress:			
Subnet mask:			
Default gateway address:			

9) Click 'Apply' button.



10) You can see the configuration registered in the Network Configuration tool.

File Prof		6 9	=	Ŷ	×
New	-	opy Delet	e Act	ivate Dea	ctivate
Devices	Hard <u>w</u> are	IP <u>s</u> ec D <u>N</u>	S H <u>o</u> sts		
	You may co physical ha associated	ardware he	re. Multiple	e logical de	vices can be
Profile S	itatus	Device	Nickname	Туре	
V \$	🖇 Active	📻 eth0	eth0	Etherr	et
v >	y inacuve	Ca pppo		MUUEI	
<u> </u>					

11) Click 'Save' in the 'File' menu.



12) Click 'Activate' button for the Internet connection.

Network Configuration
File Profile Help
🔄 Save Ctrl+S 📷 🧐 👔 📝 💥
Quit Ctrl+Q
Devices Hardware IPsec DNS Hosts
You may configure network devices associated with physical hardware here. Multiple logical devices can be associated with a single piece of hardware.

13) Click 'Yes' button.



14) Click 'OK' button.



15) Now the Wireless modem is activated.



FAQ

Q 1. What does each LED color stand for?

You can check the signal strength status from LED colors. Normally it changes from Red \rightarrow Orange \rightarrow Green gradually when you plug in the modem. - Green: Strong signal area

- Orange: Weak signal area
- Red: No service

Q2. What shall I do if I cannot access the Internet?

1. Check the network signal strength.

2. Check whether you have activated the wireless online service. You can ask the local network operator

on how to activate it.

3. If the Wireless Modem is activated but still you cannot access the internet happen it, please check the

User name / Password in the internet profile on Web.

Q3. In spite of "Green" LED, the Access Manager is still not connected!

Firstly, Unplug the Wireless Modem.

Secondly, follow the step "3. Uninstalling Guide" on page 7, and restart your computer. Lastly, plug the Wireless Modem again, and follow step "2. Installing Guide"

Q4. The software is not running automatically and it shows below screen.

Please follow the steps mentioned the Q3 step again. If the same message appears contact the Service Provider.



Q5. LED color is still "RED"! There's no LED light!

Your Wireless Modem could defect. Please contact the Service Provider.

Q6. If you need to re-install the Access Manager with the USB Modem driver!

Please follow the steps mentioned in the answers to the Q3.

Q7. The Photon+ auto-installation program does not appear automatically.

The AutoRun feature of Windows might be disabled under the local IT policies on Windows, In this case, you need to install the PC-Dialer manually, following the steps mentioned at "Starting Setup"

Q8. Cannot connect the Activation call

Please contact the Service Provider, because your device information might have been improperly registered in the network system.

Q9.The Activation call is connected, but the Activation proceed is unsuccessful.

Please contact the Service Provider, because your device information might have been improperly registered in the network system.

Q10. There are no signal bars on the RSSI indicator of Access Manager and "No service" message is displayed, or the LED of the Wireless Modem is orange or red color. The local network signal might be too weak, Contact the Service Provider for assistance.