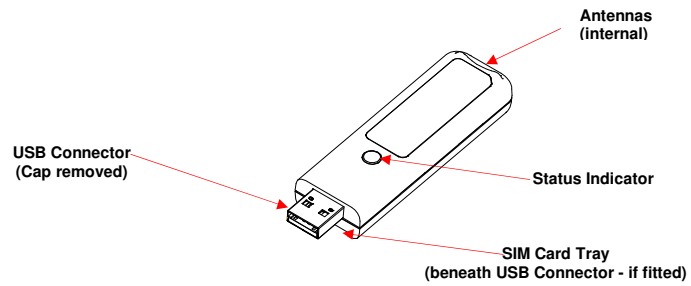


IPWireless™
Wireless Broadband Modem
USB-Stick-Modem Quick Start Guide



Important Notes:

Run the installation CD-ROM provided before connecting the USB Stick Modem to the computer. The installation software will instruct the user when to insert the USB-Modem into the computer. If you wish to disconnect the USB Stick Modem from the computer card it is important to first make it safe for removal. Do this by clicking on the icon in the toolbar on the lower right of the screen and selecting STOP.



Caution:

This USB modem is approved for use in normal size laptop computers only (typically with 12 inch or larger display screens). To comply with FCC RF exposure requirements, this modem should not be used in configurations that cannot maintain a distance of at least 5mm (approximately 0.2 inch) from users and bystanders.

Getting Started

This Quick Start Guide gives basic installation and configuration instructions. Follow the instructions on the following pages to install the USB Stick Modem client software and driver files, before connecting the modem to the computer and then perform on-line registration. Refer to the User Guide on the installation CD-ROM for the complete installation, upgrade and configuration procedures. Be sure to complete each of the following steps outlined below before moving on to the next step.

SIM Card (if required)

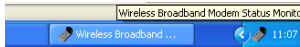
You have been supplied with a **username and password** to be used when connecting to the TDD network. The SIM may not always be required when authenticating TDD networks, check with your service provider. The SIM card is inserted directly into the modem below the USB connector, there is no SIM tray. Before removing the SIM card from the Modem, it is good practice and recommended that a safe hardware removal procedure is always followed for the Modem device. Disconnect and close the Client Software application.



To remove the USB Stick Modem first locate the "Safely Remove Hardware" Icon shown above from the notification area usually to the right of the task bar. Using the mouse, left click on the icon. A "Safely remove ..." notification will be displayed similar to the one below. Click on the IPWireless Network Adapter to safely power off the adapter. Note: If the adapter is in use i.e. connected to a network or the Client Software is open and displaying status, you will see a notification informing you that it is not possible to remove the adapter. Ensure that the Client Software is disconnected and closed before a safe removal.



To connect to the TDD network you must first enter your username and password details in the Client Software using the **Change User Details** button near the bottom of the Application. When connected the Client Software will minimize to the notification bar next to the clock. The application can be restored by double clicking on this icon shown below.



Step 1. Install Client Software and USB Stick Modem Drivers

Follow the instructions according to your installed operating system.

Windows 2000™

You must log in with administrative privileges

1. Close any programs that may be running and insert the CD into the CD-ROM drive on your computer. If the CD does not autorun and display a start screen, select **Start->Run** and enter **d:\Setup.exe** where d is your CD-ROM drive letter.
2. The Installation Setup Wizard will then prompt you through each step of the installation. (Use the **Next>** and **<Back** buttons to navigate the wizard and click Finish on the final screen).
3. When you reach the Licence Agreement screen, the installation will not proceed further unless you accept the terms of the License Agreement.
4. The installation software will then copy the Client Software and USB Stick Modem driver files onto your computer from the installation CD.
5. When the transfer of files to the computer is complete, you will be asked to plug the USB Stick Modem + provided USB cable into your computer.

Windows Vista™, Windows XP™

You must log in with administrative privileges

1. Close any programs that may be running and insert the CD into the CD-ROM drive on your computer. If the CD does not autorun and display a start screen, select **Start->Run** and enter **d:\Setup.exe** where d is your CD-ROM drive letter.
2. The Installation Setup Wizard will then prompt you through each step of the installation. (Use the **Next>** and **<Back** buttons to navigate the wizard and click Finish on the final screen).
3. When you reach the Licence Agreement screen, the installation will not proceed further unless you accept the terms of the License Agreement.
4. The installation software will then copy the Client Software and USB Stick Modem driver files onto your computer from the installation CD.
5. When the transfer of files to the computer is complete, you will be asked to plug the USB Stick Modem into your computer.

Step 2. Insert the USB Stick Modem and Obtain the Best Radio Signal

Fit the SIM or USIM card, where one has been provided, into the SIM slot in the USB Stick Modem, observing the correct orientation and with the gold contacts on the SIM/USIM face down. Connect the USB Stick Modem into a USB port on your computer either directly or using the cable supplied. The modem will draw power from the computer that it needs in order to operate. The red power on indicator will glow steady after a few seconds to indicate that it is ready for operation. To obtain the best signal strength position the USB Stick Modem near a window. If connection fails with low signal strength try relocating the USB Stick Modem. When the computer detects that the USB Stick Modem has been connected,, the computer will attempt to use the USB Stick Modem driver files that were loaded during step 1. The USB Stick Modem will automatically attempt to find a base station. During this process the green connection indicator will flash on and off, when connection is established the indicator will become steady. When data is being transferred the indicator will flicker intermittently.

Step 3. Perform On-line Registration

If you have been supplied with a username and password your installation software may skip this step. If this step is not skipped you will be prompted to supply your username and password details the first time you run the Client Software. Note some network operators may perform user authentication with SIM/USIM rather than username and password. Note - In order for the registration process to complete successfully, the Internet browser application on your computer must accept 'cookies'. Browsers accept cookies by default. However, if you have disabled cookies, enable them before continuing (refer to the Internet browser help on your computer on how to enable cookies). To start the On-line registration process, again click **Next>** which will result in the Wireless Broadband Status Monitor program automatically starting. The program will attempt to automatically establish an Internet connection, and if successful, it will automatically start an Internet browser to your Service Provider's pre-defined registration web page. Follow the instructions on each screen to complete the registration process. At the end of the registration process the Internet browser should be closed. This will result in the Internet connection being automatically disconnected. You have now completed the installation and registration process. If you experience any trouble with installation or registration, consult the Troubleshooting Tips in the User Guide or call your Service Provider for assistance.

Step 4. Updating Operating System Patches and TCP Settings

The installation software will now determine if your computer needs any official operating system patches applied or any TCP configuration settings changed.

Follow the instructions on each screen to complete the upgrading of any patches or TCP settings.

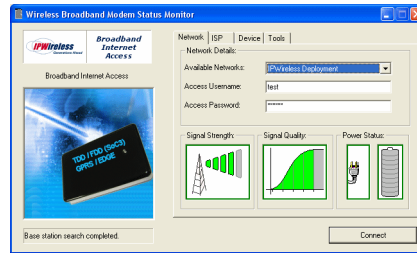
Step 5. Your installation is now complete

The installation has completed. You will be asked to reboot your computer so that any operating system patches and TCP setting changes can be used.

After the computer has rebooted, press the USB Stick Modem desktop icon and, once the software application has started, press the Connect button to establish an Internet connection.

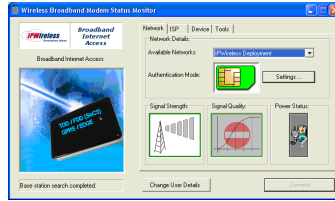
TDD Mode

The USB Stick Modem, when searching for a cell, will slowly flash the green light emitting diode (LED). When a cell has been located the green LED will remain on (solid) and the network signal strength and quality will be displayed within the Client Software application as shown below. The **Connect** button will become selectable whenever it is possible to attempt a connection. When connected the Client Software application will minimize and the green LED will flash more rapidly than when searching for a cell. To disconnect from the network, the Client Software should be restored from the notification bar and the **Disconnect** button selected.



Additional Information

The no entry icon may be seen in the **Signal Quality** graph while the modem is searching for a signal. This behavior is expected.



When only the red LED is lit it may not be possible to open the Client Software application.

Safety and Care Instructions

Before using your USB Stick Modem for the first time, please read and follow all warnings, safety, care, cleaning and operating instructions on the USB Stick Modem label and in this guide. These guidelines will help protect your product from potential damage and ensure your personal safety.

Safety Guidelines for the USB Stick Modem

Do not attempt to disassemble the USB Stick Modem; doing so may expose you to unsafe conditions. The USB Stick Modem does not contain any user serviceable components.

Service should be performed by the Service Provider Service Center only. Contact Service Provider Customer Service to find the nearest Service Center.

Position the USB Stick Modem so that it is protected from falling objects. Do not allow liquids to spill on or into the USB Stick Modem.

Do not expose the USB Stick Modem to extreme hot (over 131 °F/+55°C) or cold (under 14 °F/-10°C) temperatures.

Do not leave the USB Stick Modem in a motor vehicle parked in direct sunlight for more than fifteen minutes.

Do not expose the USB Stick Modem to open flames.

Do not modify the antenna or substitute any other antenna. Doing so may result in product failure and possible exposure to unsafe levels of RF.

Switch your USB Stick Modem off when near medical equipment, fuel, chemicals, a potentially explosive atmosphere such as a gasoline station, or when in an area in which blasting is in progress. Also, switch it off when on an aircraft. Follow any other rules, regulations, or posted notices that apply to the use of electronic or radio equipment in areas such as hospitals. The easiest way to turn off the USB Stick Modem is to remove it from your computer.

Before using the USB Stick Modem near a pacemaker or similar device, consult a physician or the device manufacturer for more information.

Do not use the USB Stick Modem when you need to pay attention to other activities. For example, never use it while driving or while supervising or operating machinery.

The USB Stick Modem, like any other wireless communications device, cannot guarantee a connection in all circumstances. Do not rely on it for matters where a connection is essential.

Exposure to Radio Frequency Signals

The following information includes important safety guidelines regarding exposure to radio frequency (RF) signals and the use of electronic devices.

Your modem is a low power radio transmitter and receiver. When it is ON, it receives and also sends out RF signals. The USB Stick Modem has been evaluated against the Specific Absorption Rate (SAR) limits defined by the FCC for devices of this type and the highest report SAR value complies with the 1.6W/kg averaged over 1g complies with this limit. The highest SAR value measured for the USB Stick modem was 1.50W/kg averaged over 1g.

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For example, in certain laptop and tablet computers or other configurations where the USB connectors on the host computer are unable to provide or ensure the necessary separation between the modem and its users or bystanders to satisfy the RF exposure compliance requirements.

If you use the modem in accordance with these guidelines, the level of RF exposure will fall within the guidelines and the standards previously identified.

FCC Interference Statement

15.19 This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions.

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications made to this equipment not expressly approved by the manufacturer may void the user's FCC authorisation to operate the equipment.

NOTE: This equipment 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 equipment 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 equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

Care and Cleaning Guidelines

Use a clean soft cloth, slightly moistened with water, and wipe the outside surface of the USB Stick Modem only. Do not use aerosol sprays, solvents, or abrasives when cleaning your USB Stick Modem. These items may scratch the surface or damage the interior components of the USB Stick Modem. Avoid dropping, shaking or striking the USB Stick Modem. This may damage its components.

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