



**ON BOARD**<sup>TM</sup>

# WiFi ROUTER

## PRESENTATION

Your WiFi Router provides you with high speed internet access inside your vehicle.

It is compatible with the mobile phone networks GPRS, EDGE, 3G and 3G+. It automatically selects the fastest mobile network speed, up to 7.2 Mbps.

From inside your vehicle you can connect all your devices to WiFi (802.11 b/g) to provide Internet access.

## GETTING STARTED

⚠ Before installing your WiFi Router you must have the following information relating to your SIM card:

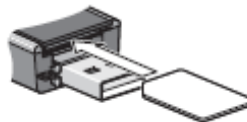
- The PIN code: .....
- The APN name: .....
- Remote access login (or username): .....
- Remote access password (or password): .....

⚠ The WiFi router is compatible with "3G/3G+ internet packages" with authorised modem use.

⚠ Roaming is disabled by default. To activate it, refer to the section on "Advanced Configuration".

⚠ Only the 3G USB stick provided is compatible with the WiFi router.

1. Insert the SIM card in the USB stick and then insert the USB stick into the WiFi Router.



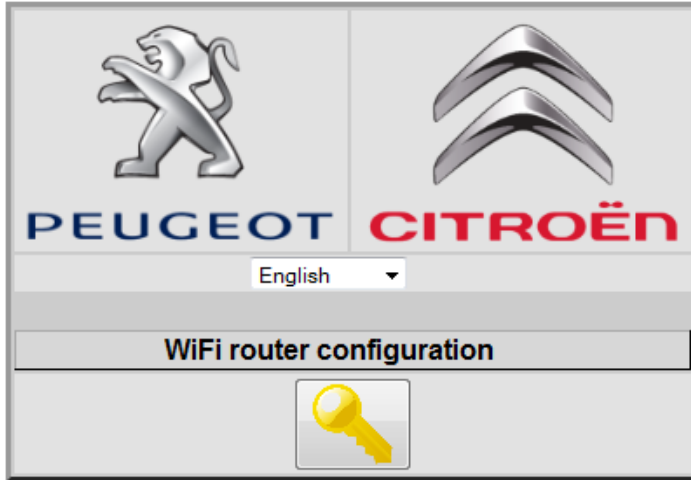
2. Switch on the WiFi Router (ON/OFF button). The indicator lights illuminate continuously for 20 seconds and then flash for 1 minute.
3. Wait for the *WLAN* indicator light to stay on after the flashing.

## CONNECTING TO WEB PAGES

4. Start up your computer and connect it to the WiFi Router using the Ethernet cable provided.
- ⚠ When the Ethernet cable is connected the WiFi is disabled (the WLAN turns off after several seconds)
5. Open up a web browser on your computer (Internet Explorer 7, Mozilla FireFox 3, Safari 3 or other version).

6. In the address line, enter the address of the Wifi router:  
<http://192.168.2.12>

The home page is displayed:



If the page does not display:

- ⚠ Check that your computer is correctly configured to automatically obtain an IP address (DHCP) (refer to your computer user manual for more details).
  - ⚠ If the problem persists, reset your network interface (refer to your computer user manual for more details).
7. Select your language.

8. Click on the key symbol.

## CONFIGURATION PARAMETERS

9. Click on *Configuration* in the left-hand menu:

### • WiFi Parameters:

**Enter the following information:**

- **WiFi SSID:** Re-enter the name of the required WiFi network (for example: WOBPSA).
- **Type of encryption key:** Select a type of encryption key (WEP minimum is recommended).
- **Enter a key or click on *Generate* to automatically generate a key.**

• **Cellular Parameters:**

**Enter the following information:**

- **PIN code:** Re-enter the PIN code for your SIM card

- ⚠ If the PIN code for your card is disabled, the field is disabled.
- ⚠ After three unsuccessful attempts, the SIM card is locked. Contact your mobile phone operator to unlock the card.

• **APN Parameters:**

**Enter the following information:**

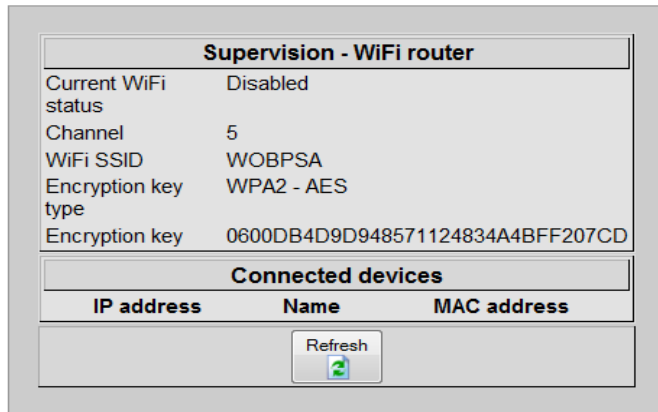
- **APN name:** Provided by your mobile phone operator.
- **Remote access login:** Provided by your mobile phone operator (leave blank if there is no login).
- : Provided by your mobile phone operator (leave blank if there is no password).

- Once these parameters have been entered, click on *OK*.

## OPERATING CHECK

10. Check that the WiFi router parameter configuration is correct:

- Click on *Supervision* in the left-hand menu and then on *WiFi router*.



- Check and note down the WiFi SSID and the type and value of the encryption key and store this information away in a safe place.

⚠ **This information will be essential for connecting your equipment.**

- **WiFi SSID:** .....
- **Type of encryption key:** .....
- **Encryption key:** .....

11. Check the correct configuration of the Modem link:

- Click on *Supervision* in the left-hand menu and then on *Modem link*.

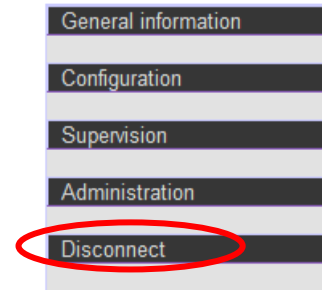
Supervision - Modem link	
USB key status	Detected
Modem type	USB302
SIM card status	Inserted
PIN code status	Ready enabled
Network registered?	Yes
Signal strength	- - ■
APN Name	m2minternet
<u>Connection status</u>	<u>Connected</u>
IP address	10.113.7.79
Network mask	255.255.255.255
Gateway	10.113.7.79
Protocol	HSDPA
Current connection	
Duration	1 hour(s) 38 minute(s) 43 second(s)
Bytes sent	370648
Bytes received	248798
Current month total	
Duration	1 hour(s) 38 minute(s) 20 second(s)
Bytes sent	370192
Bytes received	246572
Last month total	
Duration	26 second(s)
Bytes sent	1056
Bytes received	2226
<input type="button" value="Refresh"/>	

○ Check the *Connection Status=Connected*:

- If *Connection Status=Disconnected* click on *Refresh* until the *Connection Status = Connected*.

- If after 2 minutes, *Connection Status = Disconnected*: Check the accuracy of the modem configuration.

12. Click on Disconnect in the left-hand menu.



13. Disconnect the Ethernet lead.

14. The WiFi is activated automatically (**the WLAN indicator light illuminates after several seconds**)

15. Connect your computer to the WiFi Router network using the configuration (SSID, encryption key).

16. Open up a web browser on your computer.

17. In the address line, enter the address of the WiFi router:  
<http://192.168.2.12>

18. On the home page check that all of the indicator lights are green.



19. You can now surf the internet.

**⚠ You can connect several pieces of equipment to the WiFi router at the same time (a maximum of four pieces of equipment is recommended for performance reasons).**

## ADVANCE CONFIGURATION

For details of WiFi Router advance configuration you can download the complete user guide from the website [www.webdyn.com](http://www.webdyn.com) section Peugeot Citroën - WiFi Router.

## WHAT THE INDICATOR LIGHTS MEAN

When starting up the WiFi Router, the indicator lights flash quickly during initialisation.

Indicator lights	Status	Meaning
Power	Off	The product is switched off
	On	The ON/OFF button is ON
Ethernet	Off	Computer not connected to the Ethernet
	On	Computer connected to the Ethernet
WLAN	Off	WiFi interface disabled
	On	WiFi interface activated
Mode	Off	Modem interface disabled or 3G USB stick not inserted
	Flashing	Product connected to the mobile network. The type of network is indicated by the number of flashes: 1: connected to the GSM network 2: connected to the GPRS network 3: connected to the EDGE network 4: connected to the 3G network 5: connected to the 3G+ network
Signal	Flashing	Indicates the quality of the mobile network signal received (number of flashes = number of bars - 1 to 5 bars)

# 3G USB STICK

## PRESENTATION

You can use the 3G USB stick inserted in your computer to connect to the Internet.

You can purchase the following accessories for your modem:

- External aerial: improves performance in areas where the signal strength is weak (available from the following address: [www.sierrawireless.com/eStore](http://www.sierrawireless.com/eStore)).
- MicroSD™ card: external data storage card (available from general electronic stores).



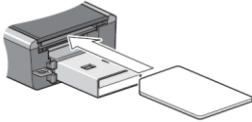
## WHAT THE INDICATOR LIGHTS MEAN

Indicator lights	Status	Meaning
Power	Off	Indicates one of the following statuses: <ul style="list-style-type: none"> <li>• The modem is not inserted in the computer.</li> <li>• The computer is switched off or in standby mode.</li> <li>• The modem radio has been disabled via <b>Watcher®</b> or another connection client.</li> </ul>
	Blue and on	The modem is switched on and is operating normally.
	Blue and flashing	A micro-programme update is in progress. Do not remove the modem from the computer.
	Orange and flashing	The modem is searching for a service (initialisation in progress).
	Orange and on	Modem error: modem has an initialisation problem (searching for a service) or is not connected due to a fault. Contact your mobile phone operator.
Data	Off	The modem is unable to detect the 2G or 3G service.
	Orange flashing	The modem has detected a 2G network (EDGE, GPRS, GSM). It is ready to connect.
	Orange and on	The modem is connected to a 2G network. It can send and receive data.
	Blue and flashing	The modem has detected a 3G network (UMTS, HSPA). It is ready to connect.
	Blue and on	The modem is connected to a 3G network and can send and receive data.

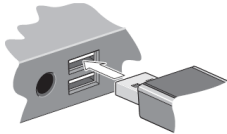
You can use your modem with any of these operating systems: Windows® 7, Windows Vista®, Windows® XP, Mac OS® X 10.4.11 or a new version.

## INSTALLING ON PC/MAC

1. Start up your computer.
2. Insert the SIM card:



3. Insert the modem in the USB port. :



### Windows

Software installation begins automatically. Follow the instructions displayed on the screen to install the Sierra Wireless Watcher® software.

### Mac OS X

When the 3G Sierra Wireless Watcher® window appears, double-click on the installation programme.

4. Once the software is installed, the modem searches for a network. If the modem finds a network the "connect" button becomes available in Sierra Wireless Watcher®. Click on "Connect" to connect to the network.

5. If you are asked to configure a profile, click on **Yes**. The Profile window opens. Select your mobile phone operator from the list of default profiles. If your mobile phone operator is not in the list, contact your operator to obtain the APN name, remote login and remote access password.
6. Click on OK. The modem is ready to use.

### What should I do if the software installation does not begin automatically?

If TRU-Install does not begin automatically, you can start the installation procedure manually.

### Windows

1. Double-click on **My Computer** (Windows XP) or **Computer** (Windows Vista or Windows 7) on your desktop.
2. Click on the **TRU-Install reader**.
3. In the TRU-Install reader, open the folder **Win**, then double-click on the file **Setup.exe**. Follow the instructions displayed on the screen to install the software.

### Mac OS X

If the 3G Watcher® window is not displayed:

1. Open Finder.
2. In Devices, double-click on **3G Watcher®**.
3. Double-click on the installation programme.



## TECHNICAL SPECIFICATIONS

Supported mobile networks	GSM - GRPS - EDGE - 3G - 3G+
Maximum theoretical connection speeds	Download: 7.2Mbps (HSDPA) Upload: 5.76Mbps (HSUPA)
3G/3G+ frequency bands	900, 2100 MHz
GSM/GPRS/EDGE GSM frequency bands	800/850, 900, 1800, 1900 MHz
WiFi compatibility	Standards 802.11 b/g Encryption: WEP, WPA (TKIP and AES), WPA2 (TKIP and AES)
EC	Approval
DAS Rate*	0.226W/kg@10g

\* The DAS (expressed in W/kg) is an index that measures the maximum radio-frequency level emitted by the 3G USB stick to the user. This is used to verify compliance of the devices to French and European regulations requiring it to be less than 2 W/kg.

## PRECAUTIONS

- Do not use your WiFi Router when driving.
- Do not place magnetic storage media near your WiFi Router. The radiation can erase stored information.
- Keep your 3G stick out of reach of children. Do not allow it to be used by children unsupervised.
- It is recommended to keep your 3G USB stick away from the stomach of pregnant women or the lower abdomen of young adolescents.
- It is prohibited to use your 3G USB stick in certain places: aeroplanes, hospitals and fuel service-stations. It is essential to strictly comply with the safety instructions and to disconnect your 3G USB stick when required.
- To avoid any risk of interference, people fitted with electronic implants (pacemakers, insulin pumps, neurostimulators, etc.) should maintain a distance of at least 15 centimetres between the 3G USB stick and the implant.
- Comply with the rules and regulations governing the use of your WiFi Router and 3G USB stick. Respect the private lives of others during use.

# WLAN-Box

## PRÄSENTATION

Ihre WLAN-Box bietet Ihnen eine Breitband-Internet-Verbindung in Ihrem Fahrzeug.

Sie ist kompatibel mit den Mobilfunknetzen GPRS, EDGE 3G und 3G+ und wählt automatisch das schnellste Mobilfunknetz – bis 7,2 Mbit/s.

Sie können in Ihrem Fahrzeug alle Endgeräte per WLAN verbinden (802.11 b/g) und sie damit mit einem Internetzugang ausrüsten.

## VORBEREITUNG

⚠ Für die Installation Ihrer WLAN-Box benötigen Sie folgende Daten Ihrer SIM-Karte:

- PIN-Code: .....
- APN-Name: .....
- WLAN-Login (oder Login): .....
- WLAN-Passwort (oder Passwort): .....

⚠ Die WLAN-Box kann mit den „Internet-Flatrates 3G und 3G+“ kombiniert werden, die Verwendung eines Modems ist möglich.

⚠ Die Roaming-Funktion ist standardmäßig deaktiviert. Die Aktivierung wird im Abschnitt „Erweiterte Einstellungen“ beschrieben.

⚠ Lediglich der mitgelieferte USB-3G-Stick ist mit der WLAN-Box kompatibel.

1. Legen Sie die SIM-Karte in den USB-Stick ein. Stecken Sie dann den USB-Stick in die WLAN-Box.



2. Schalten Sie die WLAN-Box ein (Schalter EIN / AUS). Die Kontrollleuchten leuchten zunächst 20 Sekunden lang ohne Unterbrechung und blinken dann während einer Minute.

3. Achten Sie darauf, dass auch danach die Kontrollleuchte WLAN leuchtet.

## VERBINDUNG MIT WEBSEITEN

4. Schalten Sie Ihren PC ein und verbinden Sie ihn über das mitgelieferte Ethernet-Kabel mit der WLAN-Box.

⚠ Durch den Anschluss des Ethernet-Kabels wird WLAN deaktiviert (die WLAN-Kontrollleuchte erlischt nach einigen Sekunden).

5. Starten Sie auf Ihrem PC einen Web-Browser (Internet Explorer 7, Mozilla Firefox, Safari 3 oder höhere Versionen).

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