



EUROWAG MANUAL

VETRONICS 845 DONGLE FULL



FIRST STEPS WITH VETRONICS 845

Dear customer, there are just three steps needed for the activation of our telematics solution. Simply follow the steps below to start using it:

1

Install the unit
in the vehicle

2

Register the vehicle with
the connected unit using
the simple form on our
website

3

After you receive
confirmation that your unit
has been activated, log in
to our telematics system
to monitor your vehicle 24
hours a day

www.eurowag.com/en/products/telematics/dongle-activation

PRODUCT DESCRIPTION:

Vetronics 845 is a GPS and GSM mobile device, intended for simple installation via OBD II connector (vehicle diagnostics socket). **Installing it simply requires plugging it directly into the connector which is usually located under the dashboard** (location may differ depending on vehicle type and age). After installation, telemetric data can be read via OBD II (the vehicle's on-board computer), including vehicle fuel level and odometer readings. **Data is sent to Webdispečing servers by an integrated SIM card with EU coverage.** The solution can be used anywhere in the world: data collected while outside of the EU is stored in internal memory (which can cover a minimum of 1 month of operation) and is sent to Webdispečing servers once the unit returns to the EU.



FIRST STEPS WITH VETRONICS 845

USE CASES FOR THE UNIT

Use the unit in any case where a fixed installation would be undesirable. Example situations: short-term operative leasing vehicles, third-party vehicles temporarily assisting your fleet, replacement vehicles when your vehicles are being serviced. Can also be used to outfit your fleet with GPS units without needing a standard fixed installation.

INSTALLATION

Prepare the vehicle



Park the vehicle in an open, above-ground area (GPS signals often do not work in underground garages) where a GSM signal is available. Switch off the engine and secure the vehicle using the parking brake.

Find the OBD II connector



The OBD II connector is typically located under the dashboard to the left of the steering-wheel. It has a specific shape which you can see in the image.



The connector can be found under a cover which must be lifted in order to access the connector.



If you cannot find the OBD II connector in the vehicle, check for its location in the vehicle manual or call technical support: +420 233 555 111.

Plug unit into the OBD II connector



Complete the installation by plugging the unit into the connector. No further activation is required, the unit will activate itself automatically.



INDICATORS, REGISTRATION, DATA TRANSFER AND ACCESS

INDICATORS




User can see the status of the unit via the LED located on the front of the unit under the button:


WHILE NOT DRIVING:

 Short flash every 30 seconds

Unit connected to OBD with power supply on

WHILE DRIVING:

 Green light = everything is OK

 Blinking green = unit is initializing

(The unit is not yet ready for operation)

 Blinking red = problem with GSM communication

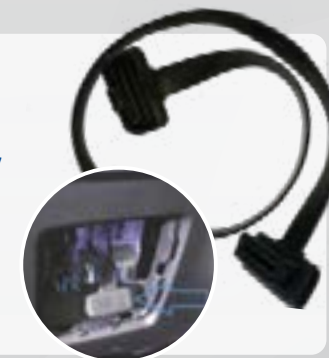
 Blinking yellow = problem with GPS signal

 Blinking blue = problem with Bluetooth

 Blinking white = problem with CAN data

(fuel level, odometer)

Although the GPS unit is small, in some vehicles it might prevent the OBD II connector cover from closing making the unit protrude into the cabin. If this is the case, attaching the unit to the connector via an extension cable can prevent obstruction of the unit during vehicle operation. This can also be used to improve GPS or GSM signal for the unit.



TRANSFERRING THE DONGLE TO ANOTHER VEHICLE

Before removing the dongle from one vehicle and transferring it to another one, the existing configuration must be deleted. Do this by powering on the unit (look for a green light) then pressing and holding the button for 10 seconds. Then request our service to prepare your dongle for a new vehicle.

REGISTERING THE UNIT IN THE MONITORING SYSTEM

After installing the unit, it needs to be registered on this page: <https://www.eurowag.com/en/products/telematics/dongle-activation>. This must be done to use the unit in the Webdispečing system.

ACCESSING WEBDISPEČING

Current Webdispečing users will see the vehicle in the system within approximately two business days. New Webdispečing users will receive access to the Webdispečing application by e-mail. Afterwards, follow the instructions in the manual that can be downloaded here: https://www.webdispecink.en/downloads/manual_en.pdf

Notice! Not all vehicles have access to telemetric information through the OBD II connector!

VETRONICS 845 TECHNICAL SPECIFICATION

Processor	ARM Cortex M4
RAM	192 kBytes
NOR Flash	4 MBytes
3D Accelerometer	±2G - ±16G
3-Axle gyroscope	±245 - ±2000 st./s
Modem	Quad-band GSM/GPRS Class 10
GSM	900/1800 MHz
GPS	GPS, GLONAS, GALILEO, EGNOS
GPS antenna	Internal
CAN bus	YES (if the signal is on OBD II)
Bluetooth low energy	YES
Digital tachograph interface	NO
LED dioda	1×RGB
Power supply	5-36 V
Standby mode consumption	< 1 mA
Operating temperature	-40 C to +85 °C
Size	43x24x49 mm
Certificates	IP41, CE

NOTICE

- If you think that the unit is interfering with vehicle operation, disconnect it immediately and contact PRINCIP a.s.
- The distance between the unit and the driver's body must be at least 1 cm.
- The unit must be configured correctly for reading data from the OBD II connector. If you did not state vehicle type data on the registration card of the unit or fuel level / odometer data are missing in the Webdispečing system, contact Princip a.s.
- If you transfer the unit to another vehicle, it is necessary to send information about this change and about the new vehicle type to register@webdispecink.com.
- If you want to use the device in a vehicle other than the one specified during activation, it is necessary to contact our technical support by email: servis.tlm@eurowag.com or by phone: +420 233 555 111. If you do not do so, we are not liable for proper function and possible damage.
- **PRINCIP a.s. Technical support +420 233 555 111 or email: servis.tlm@eurowag.com**