



OBU EASY

USER MANUAL

Before you start your journey on the Hungarian toll roads, please register at the <http://www.hu-go.hu>

Internet site and bank up your account. In the OBU box you may find the registration card with the help of the 12 digit code according to the directions of internet site please register your OBU item, your company and your vehicle. This registration provides you the payment of the route of your vehicle, which is sent by your OBU item by this accomplishing your road toll commitment. The OBU item helps you with the payment of the road toll at the territory of Hungary. The omission, the obstruction or the manipulation of the commitment of road toll will lead to authority punishment. It is the responsibility of the vehicle's driver to operate the system regularly.

The price of the OBU item includes the fee of the 24 months of data transmission.

After 24 months, please contact Secret Control GPS Ltd. to bank up your data transmission card account.

ATTENTION!

Do not abuse, damage or manipulate the OBU item! In case of not proper use can lead to inefficient road toll commitment, which may lead to authority punishment! Do not disassemble or repair your OBU item! The OBU item does not contain any part which can be repair by user!

Do not throw it to fire!

Dispose by the explosion dangerous electric waste liquidation rules! Use the OBU item according to the user manual inside the territory of Hungary! Outside of the territory of Hungary please turn off OBU item!

INSTALLATION

Clear the horizontal part of the dashboard, than stick the Velcro part of the OBU item holder to the **horizontal part of the dashboard, under the windscreen**. **Fix** the OBU item on the Velcro part with the **LED lights up** to help the OBU item having clear view to the sky. Do not fix the **OBU item on the windscreen!** **Only** the above write way is acceptable for proper use of the OBU item! With the help of **Power** button turn on the OBU item. **Do not connect** the OBU item to the cigar lighter (12V-24V) until the LED lights are not blinking. If the OBU item do not turn on by pressing the **Power** button, than the battery of the item is low. By connecting the OBU item to the cigar lighter (12V-24V), you may charge it for 20 minutes. The BLUE GPS LED light continuous lightning indicates the charge of the battery. In certain vehicles the cigar lighter (12V-24V) do not charge until turning on the vehicle engine, in this case turn on the vehicle engine and after 20 minutes please press the **Power** button to turn on the OBU item.

TURN ON/OFF THE OBU ITEM

Before turning on the OBU item **do not connect** the OBU item to the cigar lighter (12V-24V), only after the green and the blue LED lights are not blinking. Press the **Power** button until you hear the beep and it vibrates back.

VEHICLE CATEGORY SETTING

By continuously pressing the **SOS** button and also press the **Telephone** button together, by this the OBU item will indicate the actually set vehicle category. By pressing the **Telephone** button again you may set (changing one-by-one) the desired category, you may hear the beep. You may press the **Telephone** button until you find and set the desired category. To finish the setting you need to release the **SOS** button, by this the OBU item will send the category to the server.

Number of beeps	Vehicle category
1	two-axle vehicle , which is in excess of 3,5 tons of the legal gross vehicle weight
2	three-axle vehicle , which is in excess of 3,5 tons of the legal gross vehicle weight
3	four or more axle vehicle , which is in excess of 3,5 tons of the legal gross vehicle weight

VERIFYING VEHICLE CATEGORY

After pressing once the **Telephone** button the OBU item will beep the number of the selected vehicle category. If the vehicle axle category has changed after the last setting, please modify the OBU item axle setting to make sure that the proper road toll will be committed and paid.

DAILY USAGE

After turning on the OBU item the **BLUE GPS LED** and the **GREEN GSM LED** will blink together, wait until both LED light stop blinking, then connect the OBU item charger to the cigar lighter (12V-24V) and start your journey. Until the

BLUE GPS LED or the **GREEN GSM LED** is blinking do not start your journey on the toll fee roads. If the **GREEN GSM LED** is blinking during your journey than the OBU item cannot control your road toll usage, in this case please pull over and try to avoid the problem of the OBU item.

TROUBLESHOOTING

GPS localization

After turning on the OBU item will start its localization. This may take for few minutes. If the **BLUE GPS LED** do not stop blinking in a few minutes, please check if the OBU item has clear view on the sky (the OBU do not shaded by garage, bushy trees, tunnel or bridge).

GSM communication connection

If the **GREEN GSM LED** does not turn off after a few minutes, please check that the OBU item is not shaded and has a clear view from the vehicle to the sky.

Power supply

Please check, that the OBU item' s charger cable is unharmed and connected to OBU item. Please check the connection of the cable of the OBU item to the cigar lighter (12V-24V). If the **BLUE GPS LED is continuously**

lightning the battery is charging. If the **BLUE GPS LED is blinking fast** the battery of the OBU item is low.

If you cannot avoid the problems by the above mentioned situation, please contact our 0-24 call center!

VOICE WARNING SIGNAL WITH VIBRATION

NO GPS localization: 2 seconds beeping, 1 second no voice, 2 seconds beeping (repeating continuously)

NO GSM communication connection: 1 second beeping, 1 second no voice, 1 second beeping (repeating continuously)

In both cases by pressing any button on the OBU item it will stop the voice warning signal and vibration. If any of the above signals happens during your journey, than the OBU item cannot commit your road toll. In this case please pull over and try to avoid the problem of the OBU item

NO Power supply: 2 seconds beeping

LED SIGNALS

BLUE GPS LED

Blue light is not lightning: GPS localization is on

Blue light is blinking: GPS localization is off

Blue light is lightning: charging of the OBU item is under process

Blue light is blinking fast: the battery of the OBU item is low

BLUE GPS LED is blinking: this function is active only if the OBU item is not under charging

GREEN GSM LED

Green light is not lightning: GSM communication connection is on

Green light is blinking: GSM communication connection is off

In case of any problem please contact our 0/24 call center on the following phone number:

Telephone number: +36 30 334 50 50

Secret Control GPS Ltd.