Command:scsetconfig

scsetconfig <arg1> <arg2> - E-Scooter's function's setup

<arg1>:
0 - 1st instruction set
1 - 2nd instruction set

<arg2> - 2 bytes value where each bit controls separate parameter.

Instruction	Bit position	Comment
1st instruction set		
Headlight always on/off	0x0001	Turns headlight on or off
Headlight flash	0x0002	Headlight start flashing
Taillight always on/off	0x0004	Turns taillight on or off
Taillight flash	0x0008	Taillight start flashing
External battery light on/off (ES2/ES4) / Headlight icon display switch (MAX)	0x0010	Turns external battery light on or off (ES2/ES4) / Turns headlight icon on display on or off (MAX)
No alarm when locked	0x0020	Alarm wont be enabled in case of alarm
Use mph units	0x0040	Sets mph instead of km/h
Display unit or not	0x0080	Units are shown or not
Display speed or not	0x0100	Speed is shown or not
Panel display or not	0x0200	Panel display is turned on or off
Bluetooth® broadcast or not	0x0400	When on, BT icon cannot control. When off, BT icon can define status: flash or always
Bluetooth® icon always on or off	0x0800	BT icon is shown or not
Bluetooth® icon flash or off	0x1000	BT icon is flashing or not
Error icon on or off	0x2000	Error icon is shown or not in case of error
Temperature error icon on or off	0x4000	Temperature error icon is shown or not in case of error
Display battery level on or off	0x8000	level is shown or not
2nd instruction set		
Button can change mode or not	0x0001	Button double press will change speed modes if enabled
Display speed mode or not	0x0002	Mode will be displayed or not

Example:

scsetconfig 0 42944
Binary representation of 42944 would be 1010 0111 1100 0000, where:

- Units mph are on

- Units are on
- Speed is on
- Panel display is ON
- BT broadcast is ON
- Error icon is ON
- Battery level is ON

How to calculate the values shown in the example above:

1. <arg1> (0/1) is chosen depending on which parameters you would like to enable from the table. If the parameter you would like to enable is in the 1st instruction set table block, the value will be **0**. If the parameter you would like to enable is in the 2nd instruction set table block - the value will be **1**. **The chosen parameters cannot be from both instruction tables. All parameters must be either from 1st or 2nd instruction table at the time.**

2. <arg2> (Value 42944 in the example) is calculated like this:

- Open Window's Calculator software (or any other calculator software) in *Programmer* mode and select *BIN* (Binary) as shown in the picture below:

- Decide which parameters you would like to enable. Possible value options are:
  - 1 - ON
  - 0 - OFF
- In the example above, parameters from 1st *instruction table* are chosen. Those parameters are: *Display battery level is ON; Error icon is ON; Bluetooth® Broadcast is ON; Panel display is ON; Display speed is ON; Display unit is ON; Use mph units is ON.*
- When the parameters which you would like to enable are chosen, open *Calculator* software in *Programmer* mode, *BIN* (Binary) field again.
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  Starting **from the bottom** of the instruction table and **moving upwards**, type the values (0/1) in the *Calculator* depending on if the parameter should be **enabled** (Value 1) or **disabled** (Value 0).

For example, starting from the bottom of the table:
- Display speed mode or not **(OFF)** - Value = **0**
- Button can change mode or not **(OFF)** - Value = **0**
- Display battery level on or off **(ON)** - Value = **1**
...

- After you finish adding 0/1 binary values to *Calculator*, the value that will be used in **scsetconfig** command will be displayed in **decimal**. Refer to image below.