

# Marvelmind Dashboard

## Linux version

Version 2018.02.23

### Product overview

This is a Linux Dashboard version that was originally written for Windows environment and then re-written and ported to Linux.

Tested on:

Operation system: Ubuntu 16.04 TLS;

CPU: Intel Core i3 2.4 GHz;

### Installation

- Download and unpack archive containing Dashboard and Dashboard API to directory that you will be using for the program
- Copy library file **libdashapi.so** to directory **/usr/local/lib/** by executing command **sudo cp libdashapi.so /usr/local/lib** in terminal, which is open in directory, which contains **libdashapi.so**. After that, execute **sudo ldconfig** in terminal
- Give rights to your user to write to the COM-port by adding him to dialout group
- To do this, do the following:
  - o In terminal execute "sudo adduser \$USER dialout" command;
  - o Add file 99-tty.rules to directory /etc/udev/rules.d/ with the following content:
    - #Marvelmind com-port rules
    - KERNEL=="ttyACM0", GROUP="dialout", MODE="666"
- Now you shall be able to use the Dashboard

### Enabled functionality

The build of the Dashboard currently supports location tracking and basic functions for tracking (like: clean map, freeze map and save screenshot, etc.). Oscilloscope, Player and other advanced functions from the View menu of the Dashboard panel are not tested and may not work properly

### Other notes

- Connecting to devices via USB may take from 11 to 30 seconds, please, be patient
- In checked state devices button`s may have checkbox, filled with orange. It is not warning. Color and form of checkbox depend on color scheme of your operating system