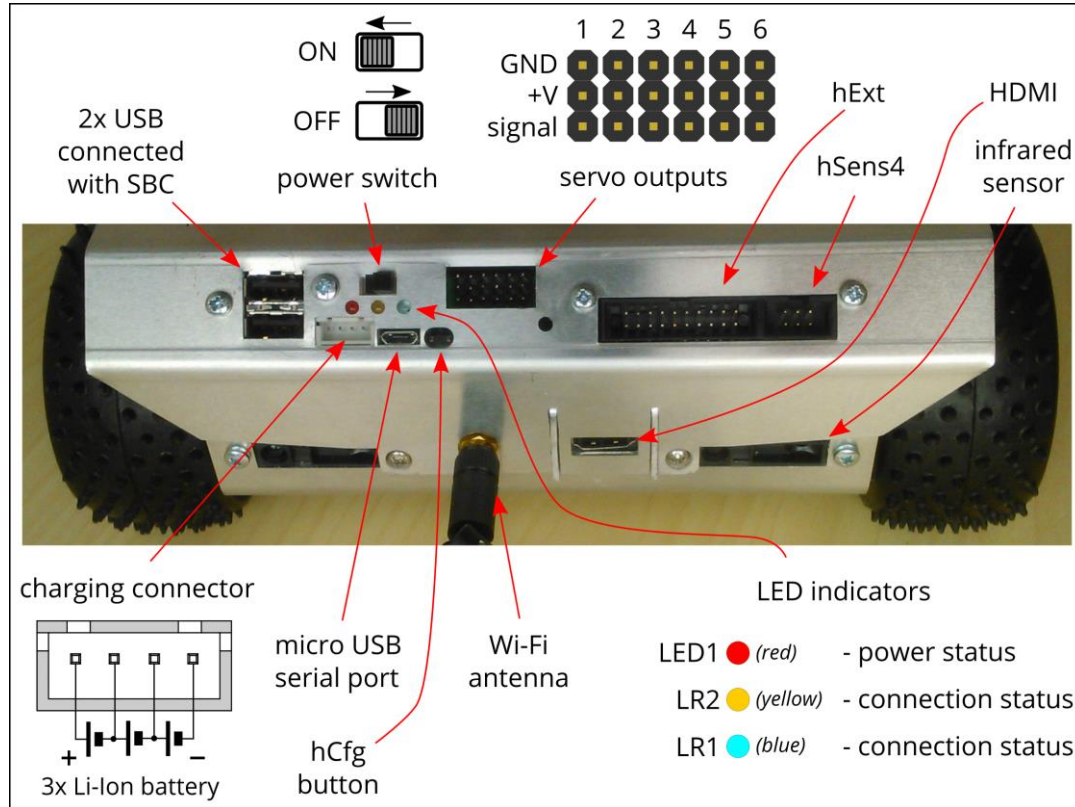


ROSbot – a short user guide

ROSbot is a robot designed to learn and develop ROS projects, made by Husarion.

Rear panel description



Power supply info

ROSbot is supplied from an internal, rechargeable Li-Ion battery pack (3x protected 18650 cells). ROSbot shall be charged using a dedicated Li-Ion or Li-Poly charger with 4-pin JST XH connector.

If only the right firmware is preloaded to the internal controller (CORE2), the LED1 is programmed to indicate the power status:

- the LED1 is on when the robot is turned on
- the LED1 is blinking when battery is low – please charge immediately!

First connection with Husarion Cloud

1. Things you need: the ROSbot, any Android device with Wi-Fi connectivity and with **hConfig** app installed (available on Google Play), any PC computer to work with ROSbot, the Wi-Fi network.
2. Login or register on cloud.husarion.com.
3. Register your ROSbot on your cloud account by clicking “Add new device”.
4. Launch the hConfig application and follow the instructions.
Note: The app will ask you to hold hCfg button on CORE2 and to watch LR1, LR2 LEDs – they are all available on the rear panel.
5. Now you should see your ROSbot online and you can start with ROSbot tutorial.

Disassembling

To open the ROSbot, use a flat screwdriver to rise the latches and open the top cover. When closing the cover be careful not to jam the cables and to align the guiding tabs on the top.





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