

Garbage Bins Moers

Hardware

Part	Links
CubeCell AB-01 Dev-Board	Product Website
VL53L0X Time-of-Flight ranging sensor	Product Website
2000 mAh LiPo-Battery	



Fig.: Garbage Bin in the IoT-Lab HSRW



Fig.: Sensor Module

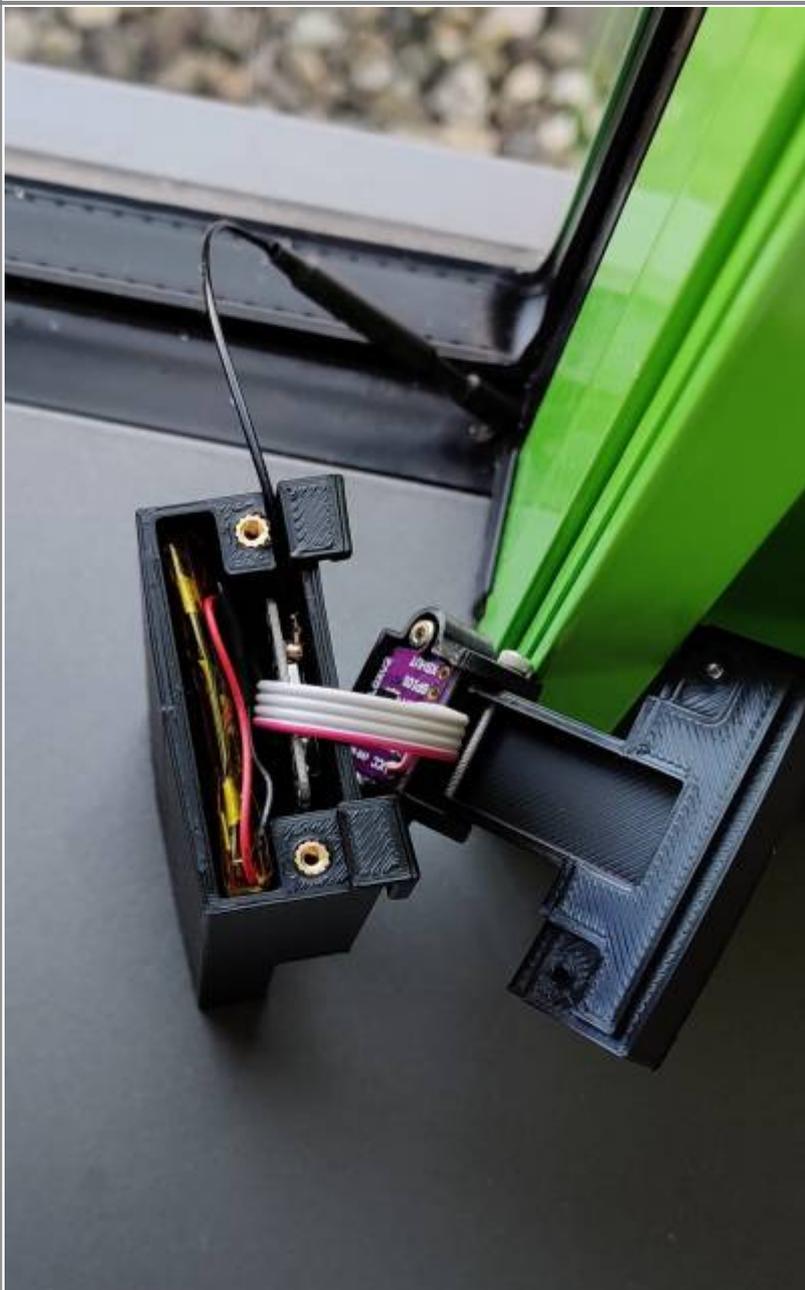


Fig.: Insides of the Module



Fig.: Sensor Module installed in the door of the trashcan

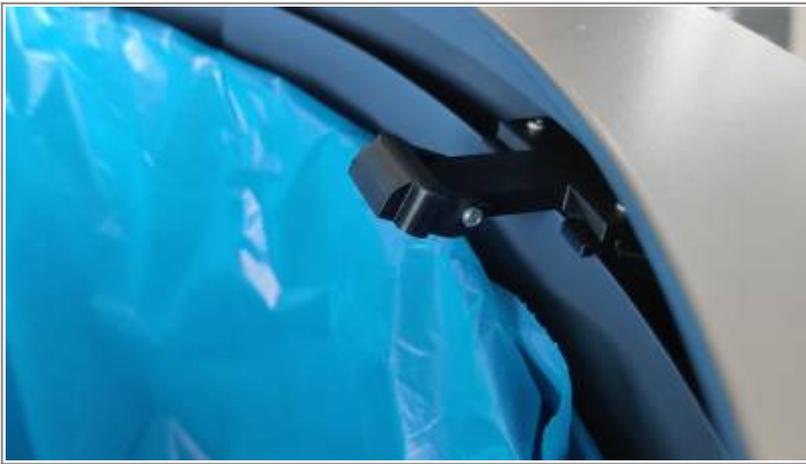


Fig.: Sensor Module installed in the door of the trashcan

Software

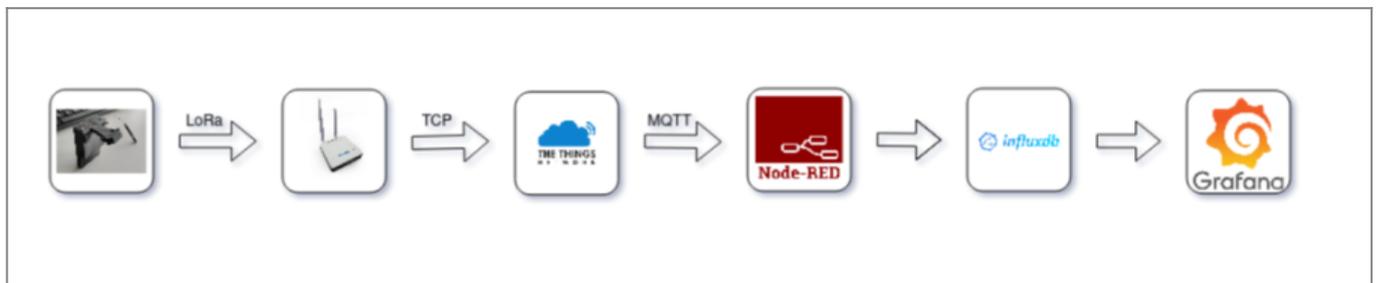


Fig.: Data Flow

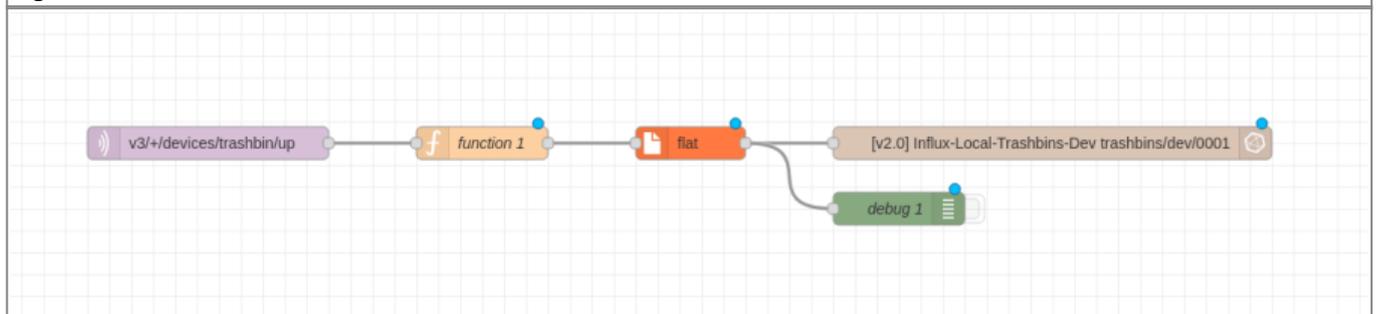


Fig.: Node-Red Flow

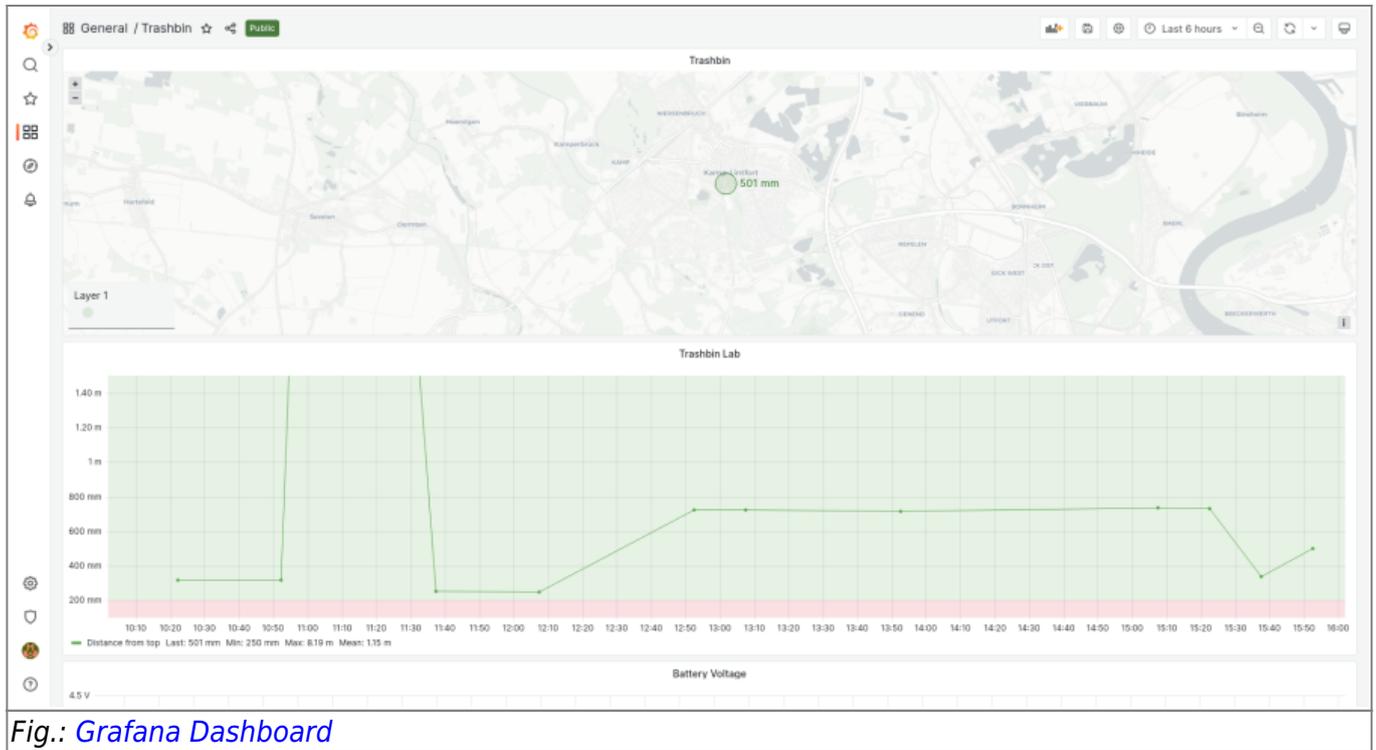


Fig.: Grafana Dashboard

From:
<https://wiki.eolab.de/> - HSRW EOLab Wiki

Permanent link:
https://wiki.eolab.de/doku.php?id=eolab:moers_garbage_bins:start&rev=1678980762

Last update: 2023/03/16 16:32

