

# Garbage Bins Moers

## Hardware

Part	Links
CubeCell AB-01 Dev-Board	<a href="#">Product Website</a>
VL53L0X Time-of-Flight ranging sensor	<a href="#">Product Website</a>
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

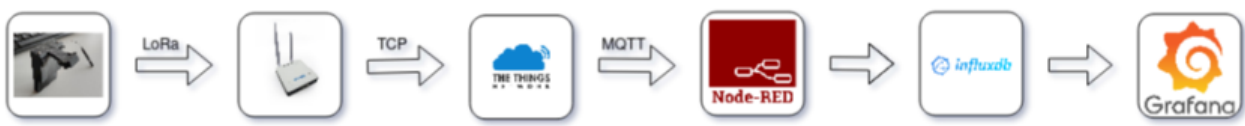


Fig.: Data Flow

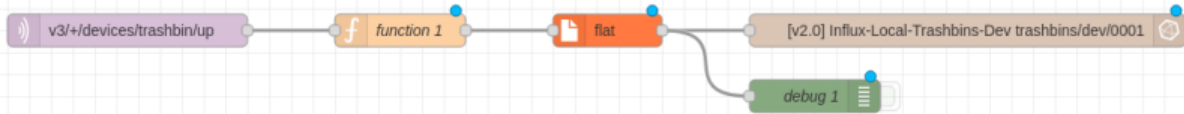


Fig.: Node-Red Flow

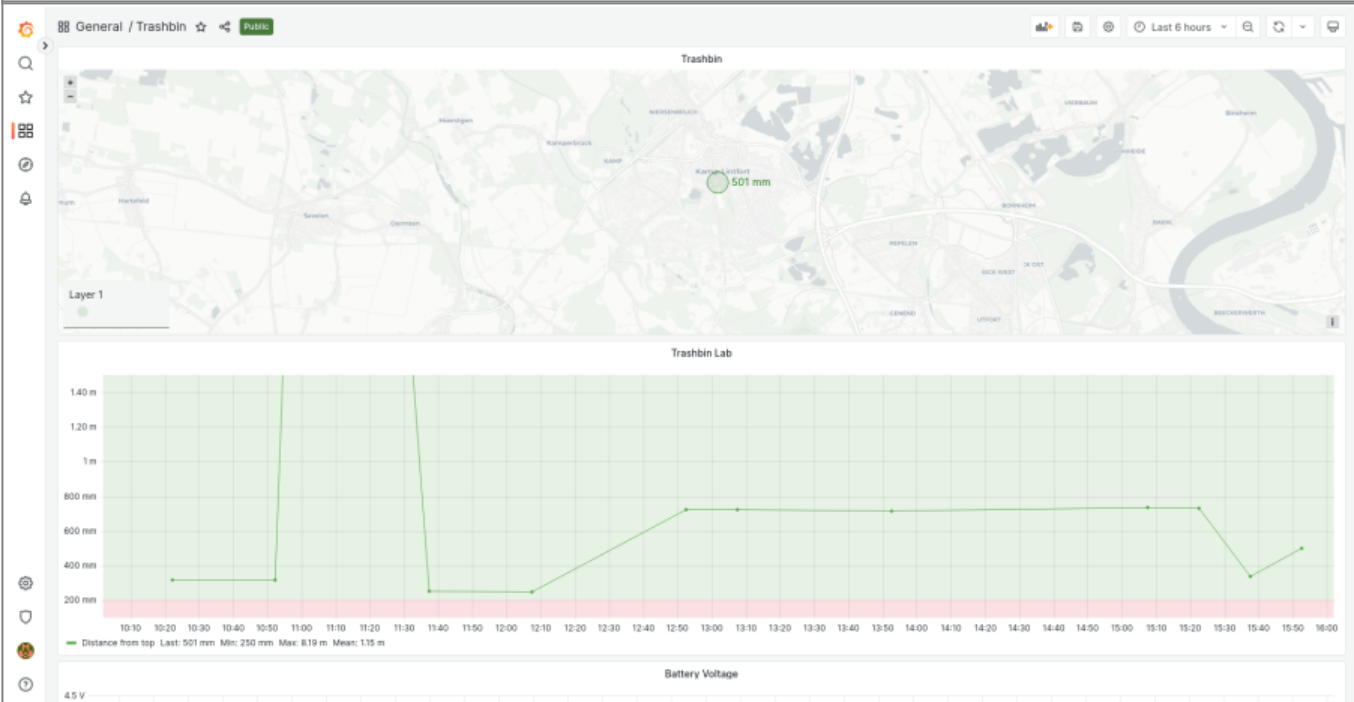


Fig.: Grafana Dashboard

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