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
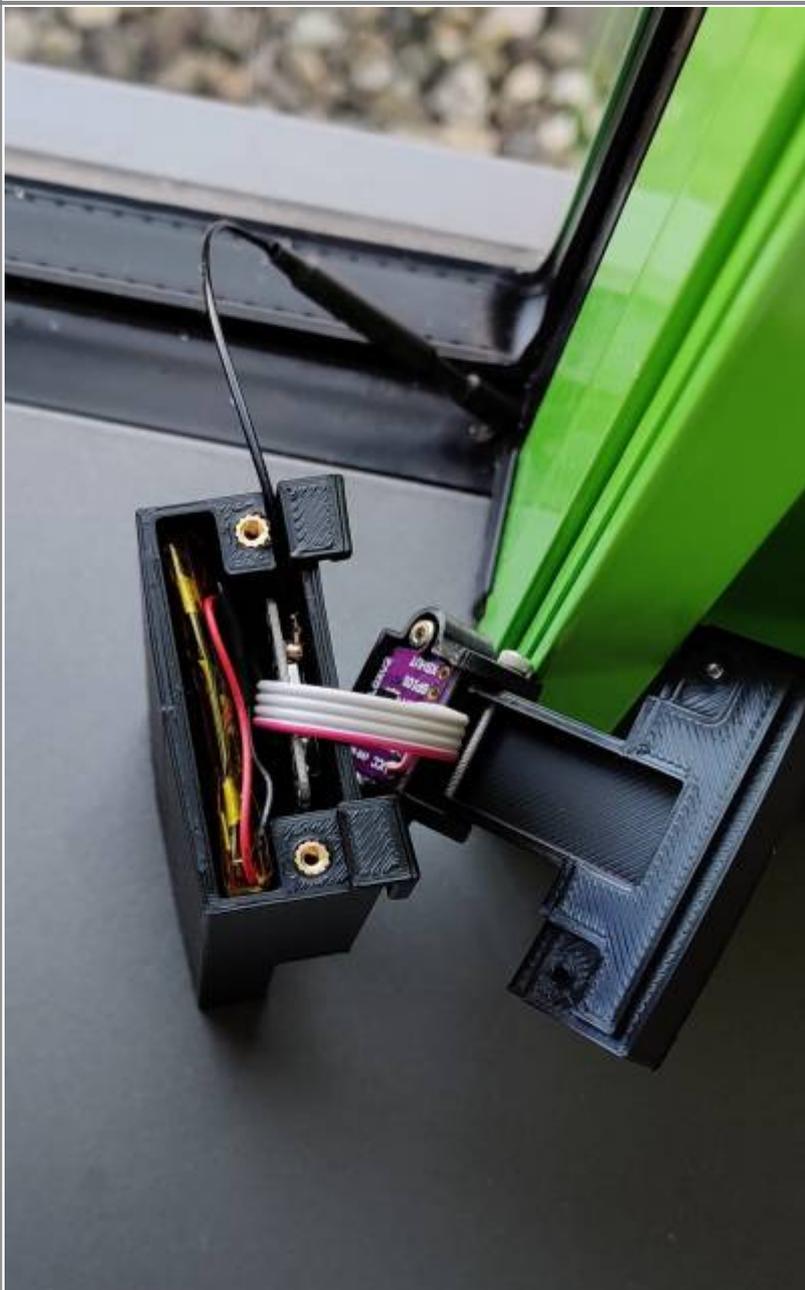
Fig.: Sensor Module

Fig.: Insides of the Module

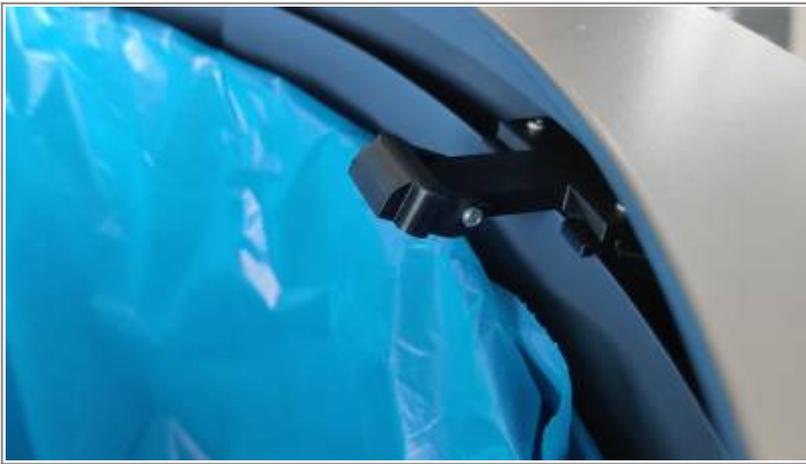Fig.: Sensor Module installed in the door of the trashcan

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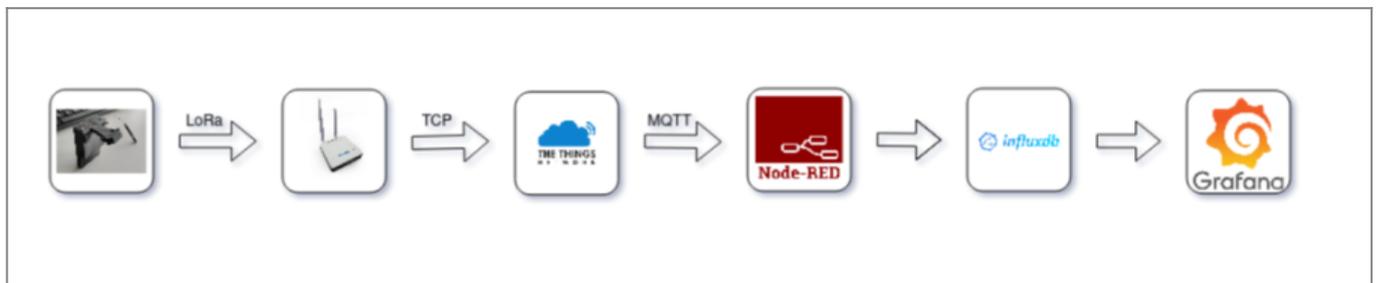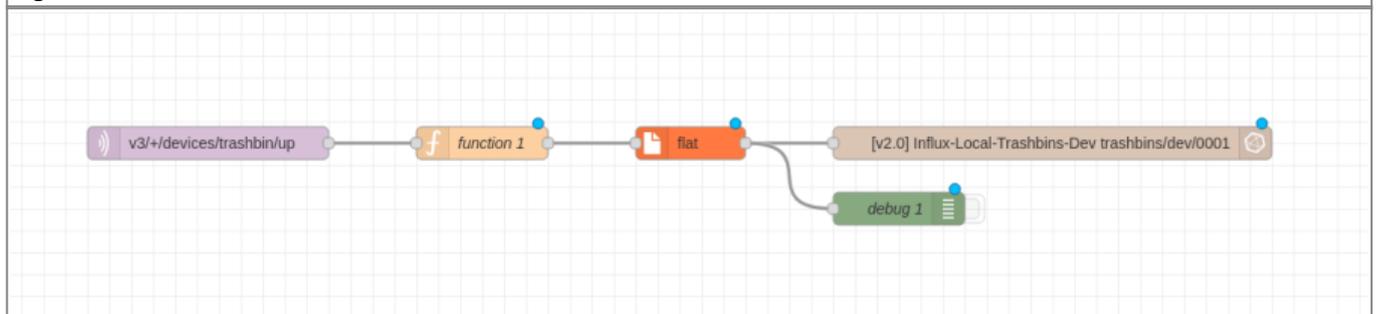
Software

Fig.: Data Flow

Fig.: Node-Red Flow

Fig.: *Grafana Dashboard*