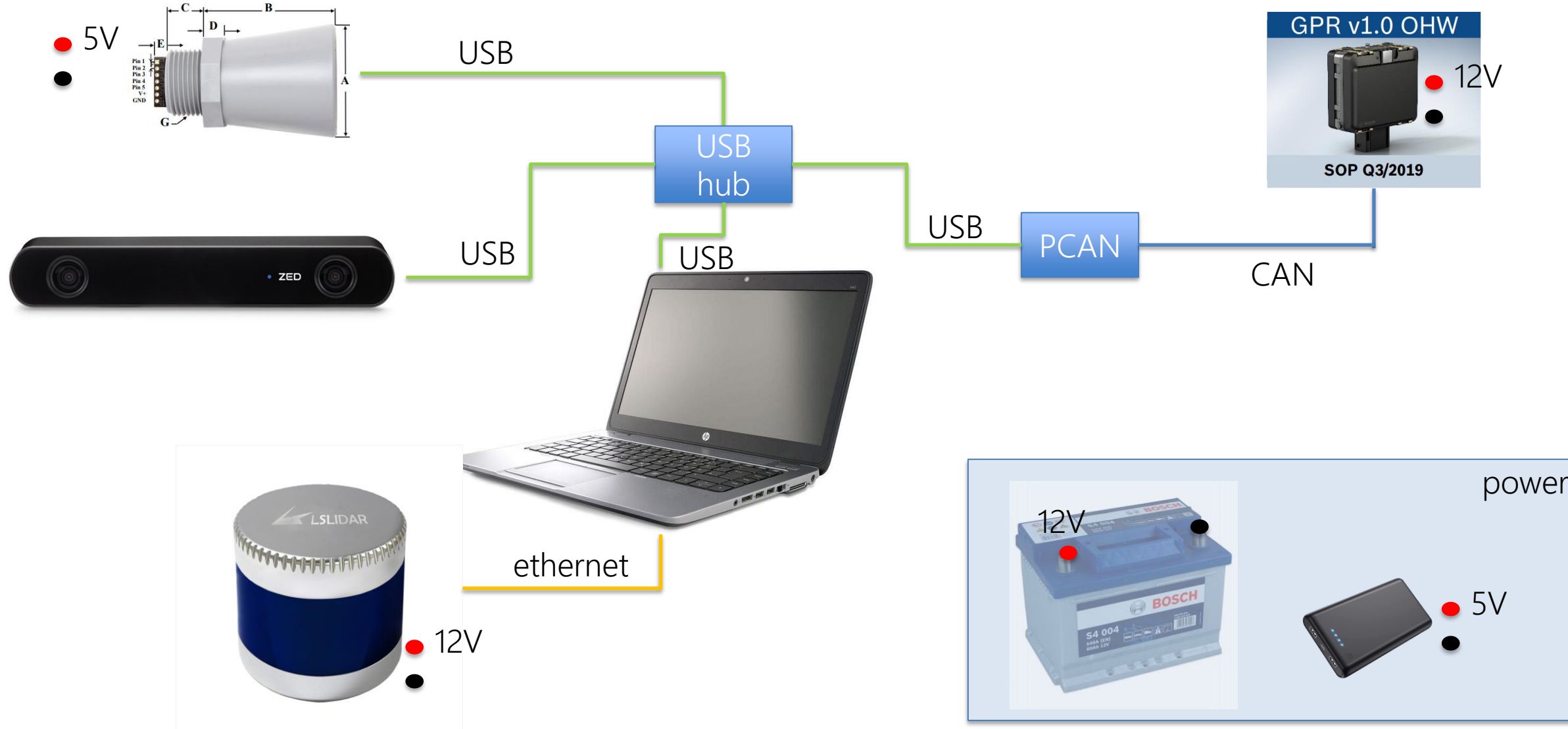


Sensors setup

sensor	power	data	datalog software	Datalog hardware
ZED 2	USB	USB	ROS zed-ros-wrapper - ROS Wiki	USB - PC
LiDAR	DC connector 12V (9V-36V) Peak 3 A	Ethernet	ROS lslidar_c32 - ROS Wiki	Ethernet-PC
Sonar MaxBotics	Pins on PCB (2.7V-5.5V) ~ 3.1mA Peak 98mA	Pins on PCB - Serial (RS232) - PWM - Analog	ROS 1) Serial -> PC + python node 2) PWM or Analog -> Poseidon + CAN + PC + python node	1) USB o Serial – PC 2) Poseidon + PCAN - PC
Radar	Pins on PCB 12V (7V-18V) ~0.5A	Pins on PCB - CAN	ROS socketcan_bridge - ROS Wiki TUC-ProAut/ros_radar: Simple package to receive data from a bosch general purpose radar (v1.0) (github.com)	PCAN-PC
Sonar Laserline	Connettori banana 12V ~0.3A	DB9 -CAN	ROS socketcan_bridge - ROS Wiki	PCAN-PC

Sensors setup



Sensors setup

