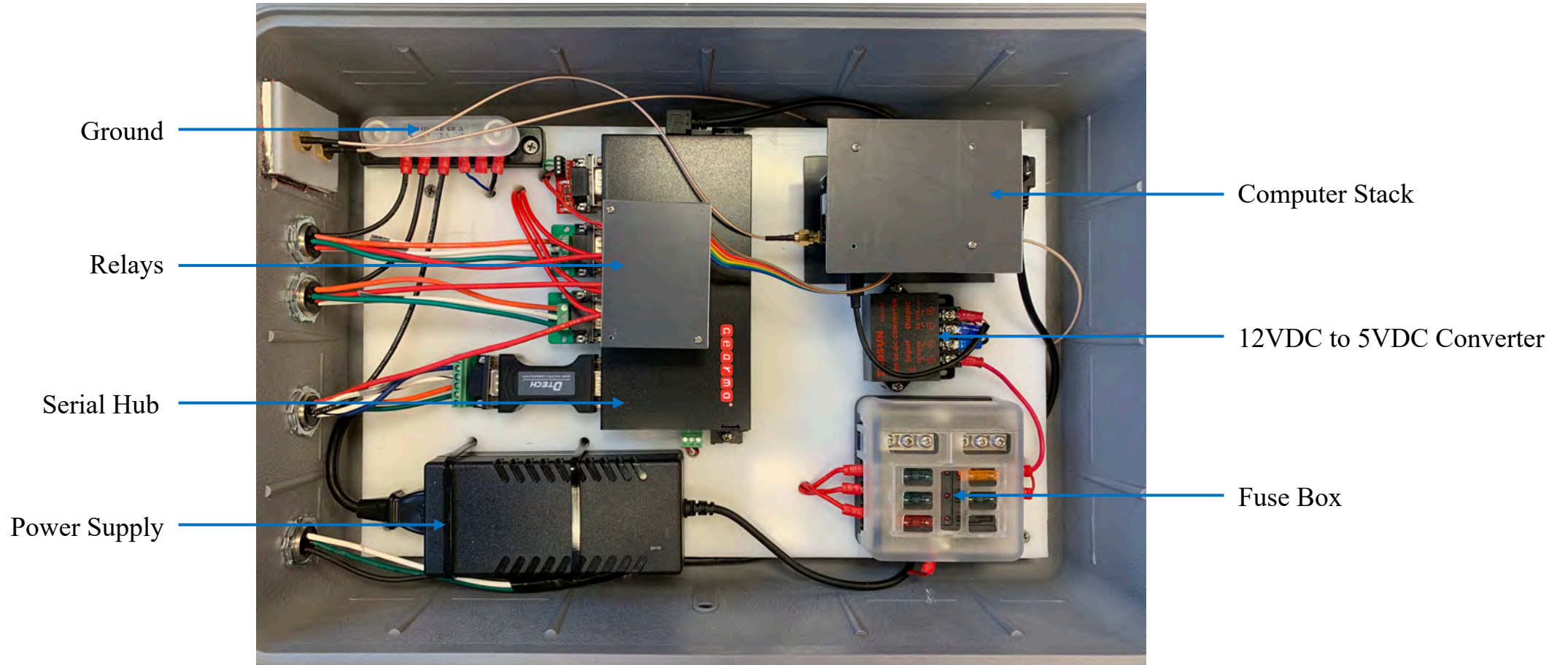


Illustrations to make the pySAS Controller Box

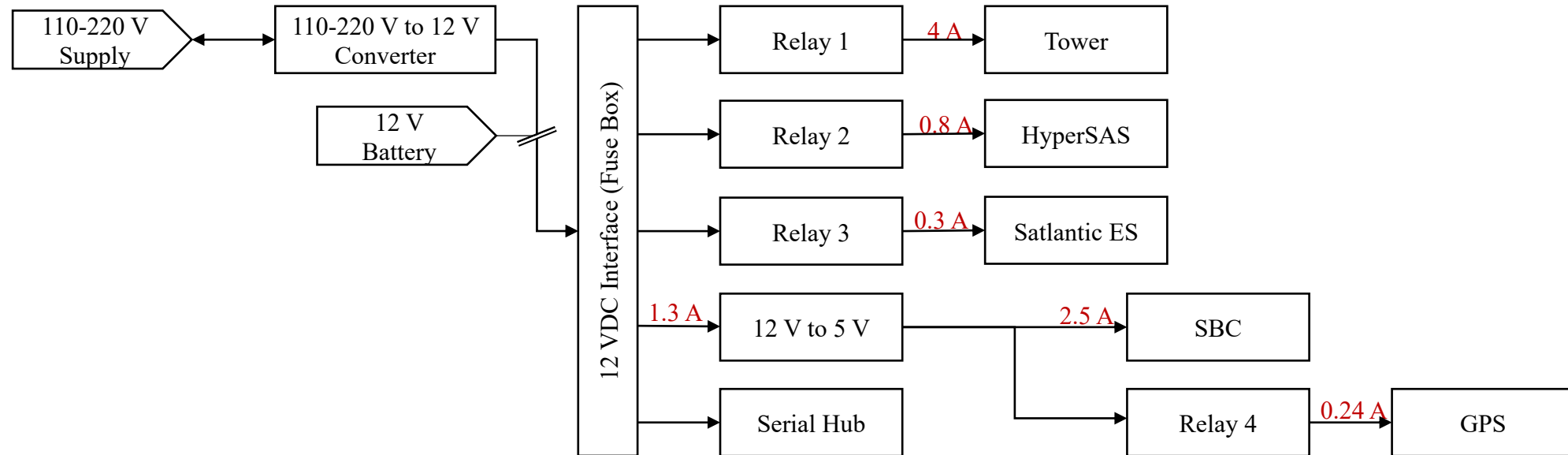
Nils Haëntjens

Dec 21, 2021

Overview

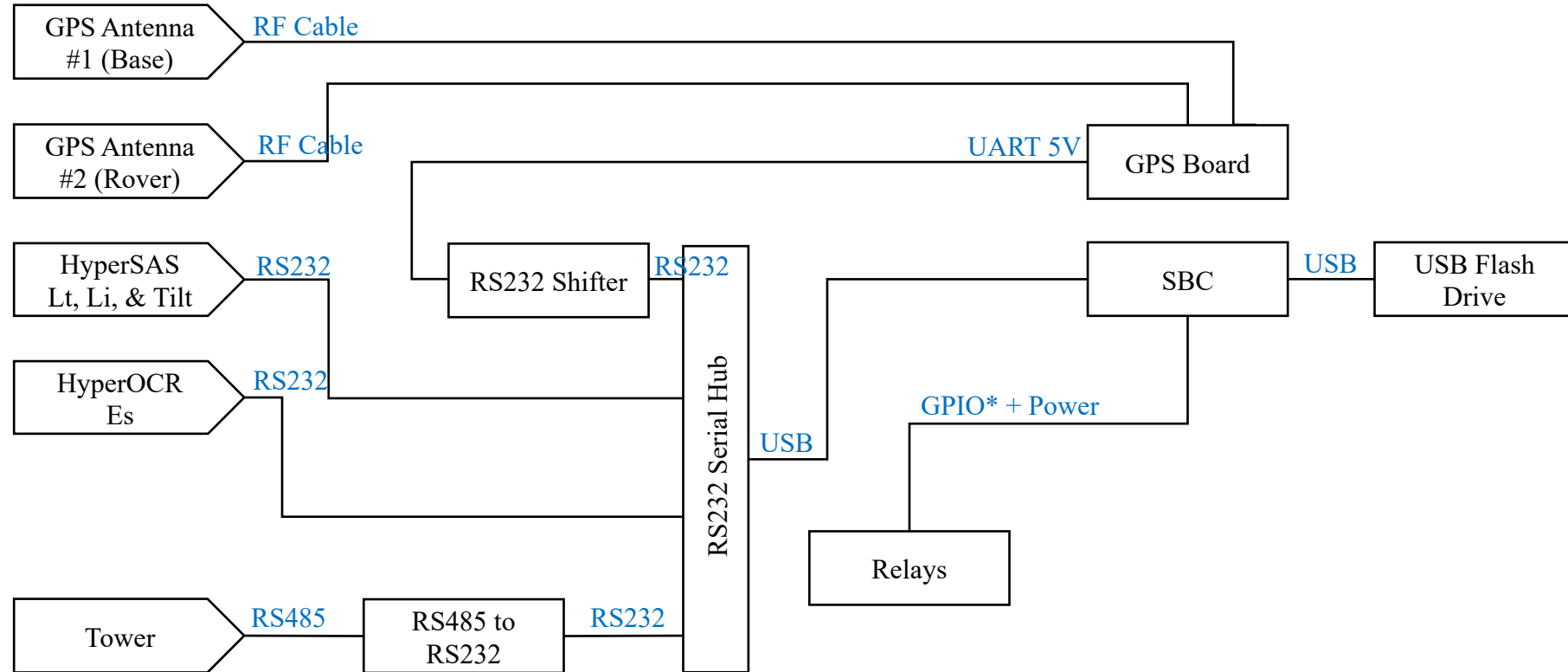


Power Distribution Schematic



In red: estimated maximum power consumption

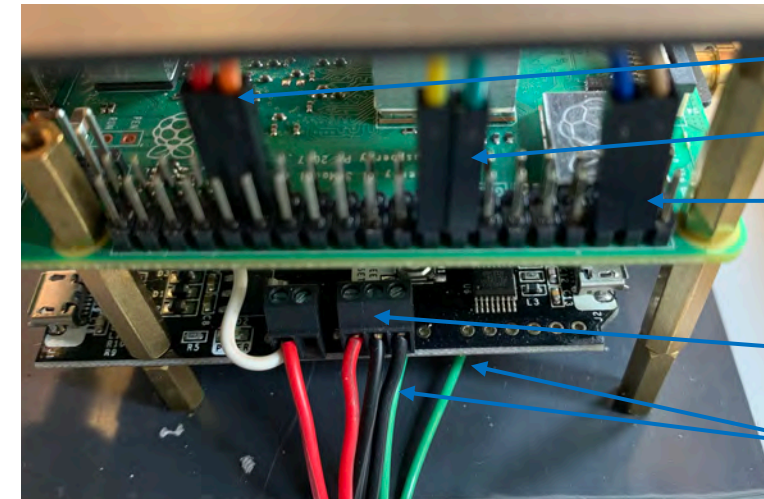
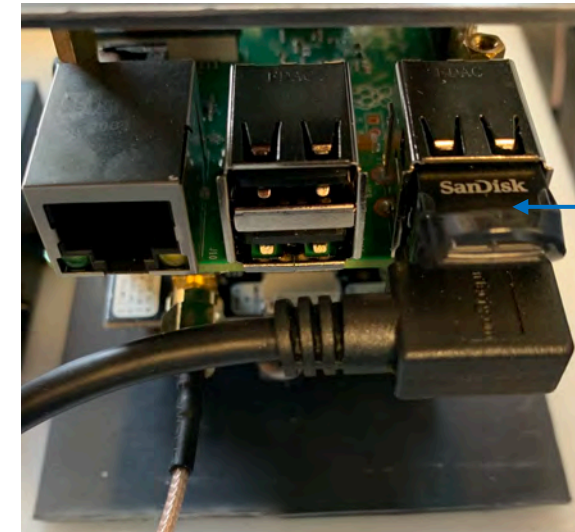
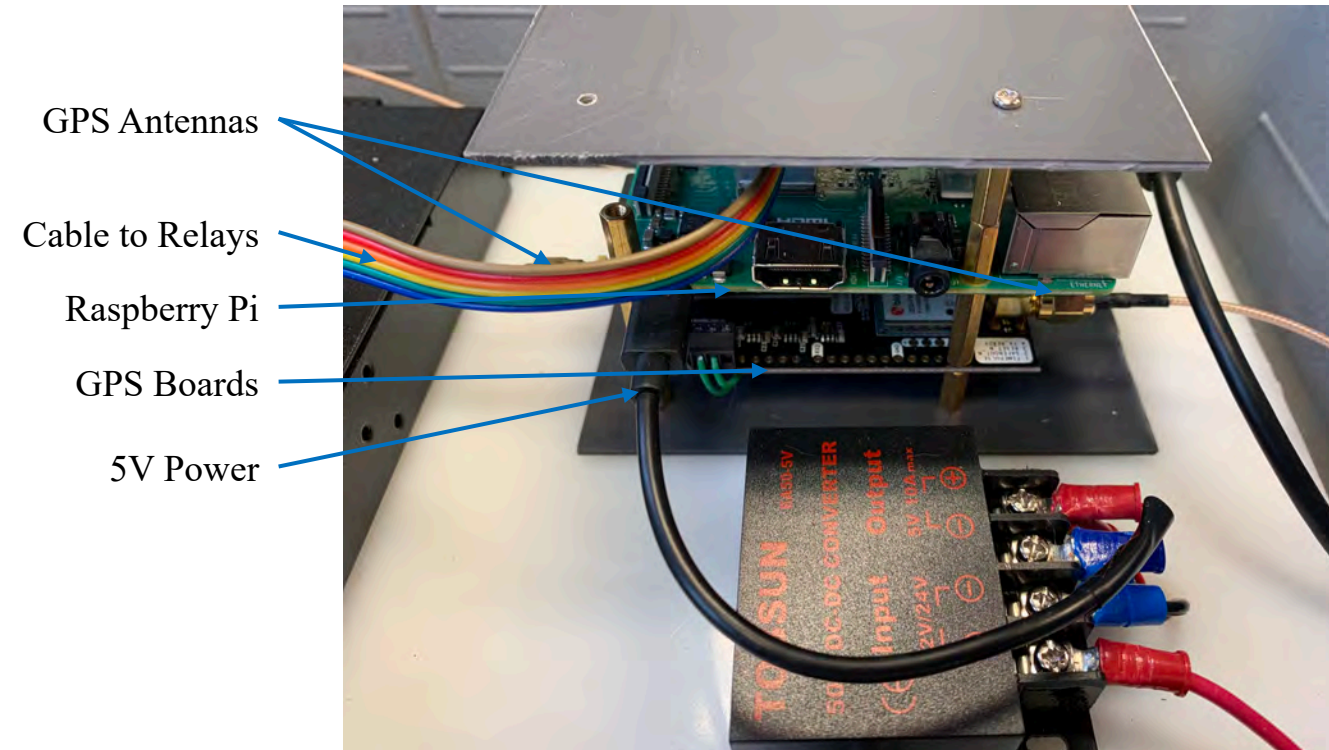
Communication Schematic



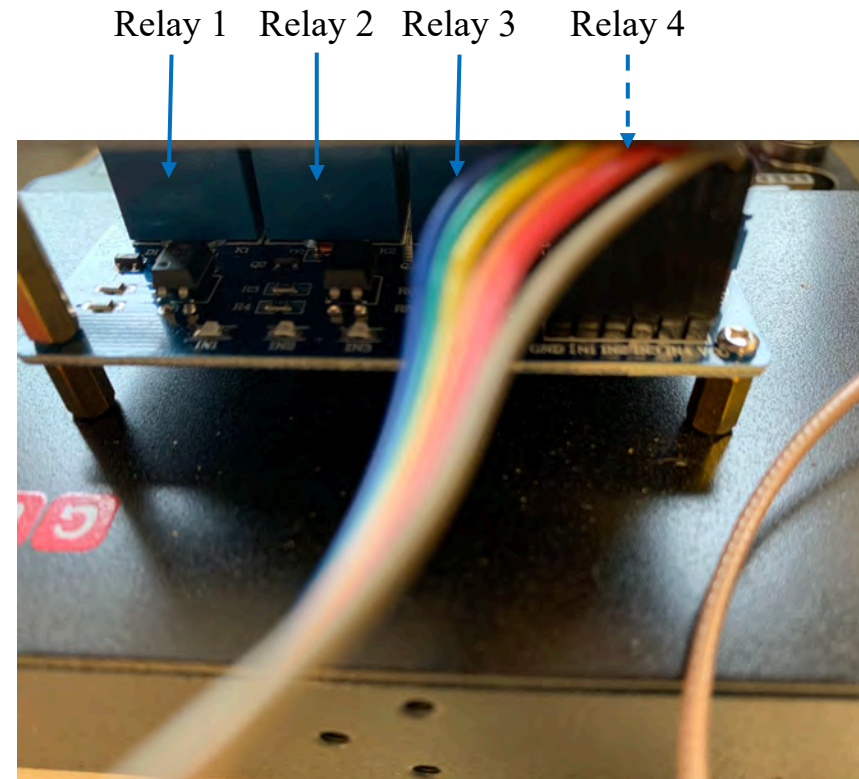
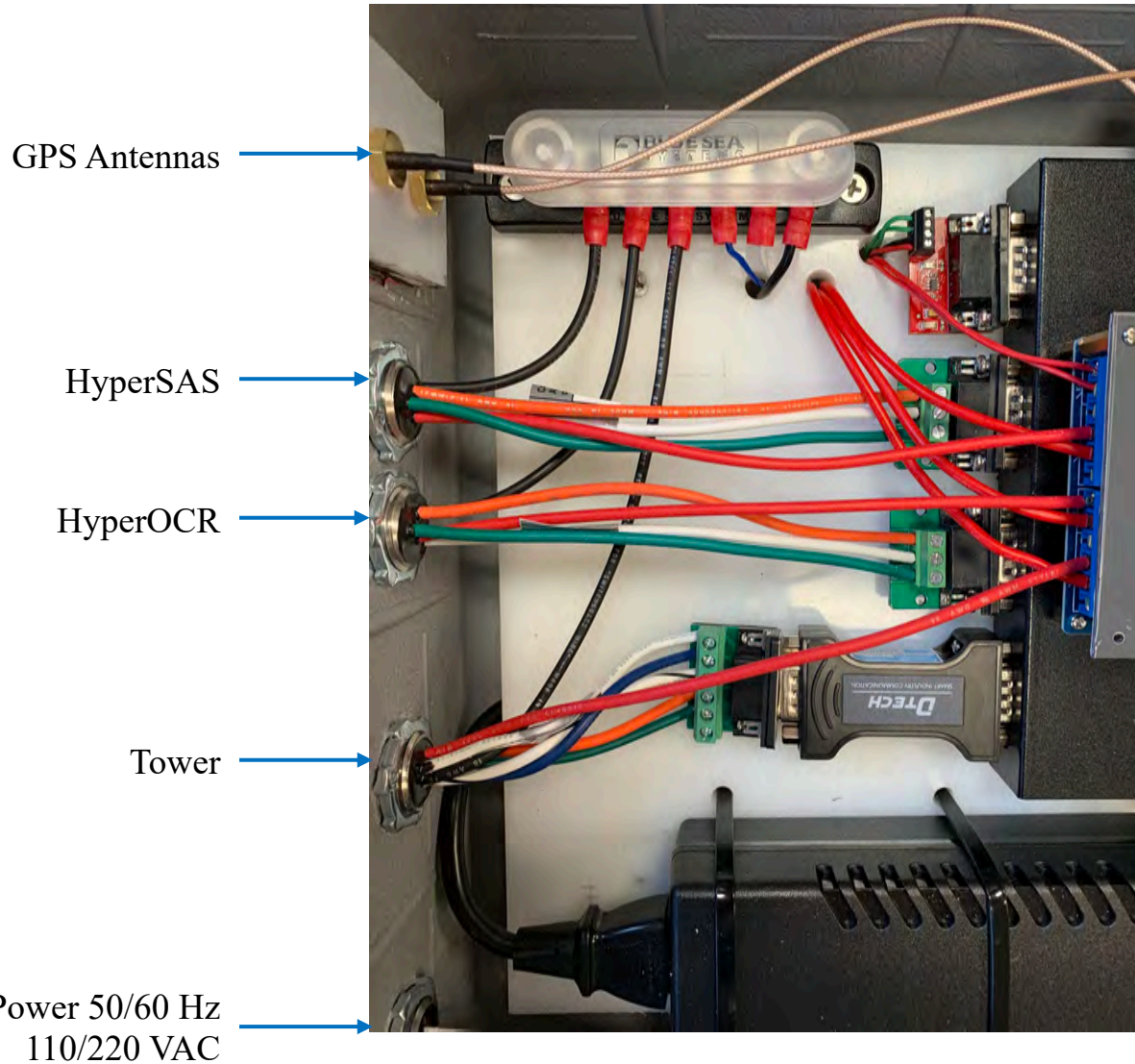
*Relay connections:

1. Tower: GPIO 23
2. HyperSAS: GPIO 24
3. Es: GPIO 5
4. GPS: GPIO 6

Computer & GPS Stack



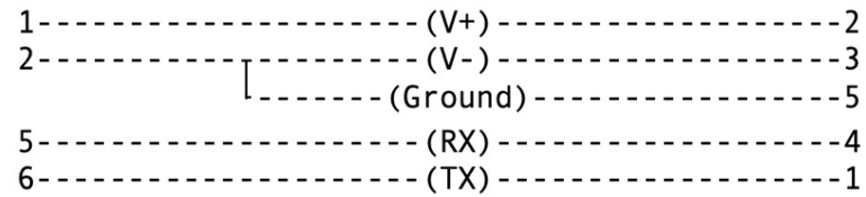
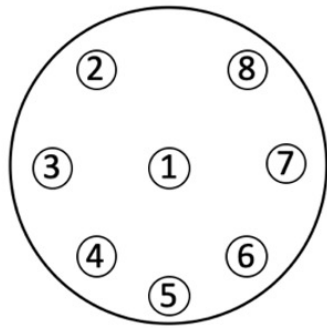
Serial Hub & Relay Stack



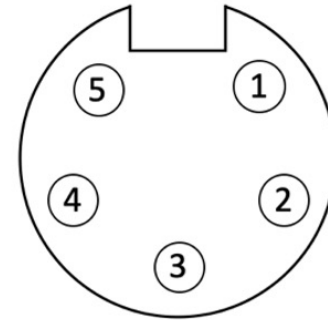
- Relay connections:
1. Tower: GPIO 23
 2. HyperSAS: GPIO 24
 3. Es: GPIO 5
 4. GPS: GPIO 6

Wiring Cable Connectors

Satlantic Cable head
HyperSAS or HyperOCR



pySAS Connector



Complete pySAS Kit

