**Capabilities map for the current version of the Tri-track**

Opencv3 software loaded onto the pi

Allows for image processing directly on the pi

Raspberry pi Camera v2 8MP

40 GPIO pins which include 2 sets of SPI pins 1 set of UART pins and a set of I2C pins for communication

Adafruit servo driver, capably of driving 16 servo’s using I2C

Servo operated gripper

Raspberry pi

Lynx Motion l5

5 degrees of freedom servo arm

2 independently controllable tracks

Sabretooth DC motor driver

Tri-Track