

EMBEDDED SYSTEM DESIGN TEAM 11

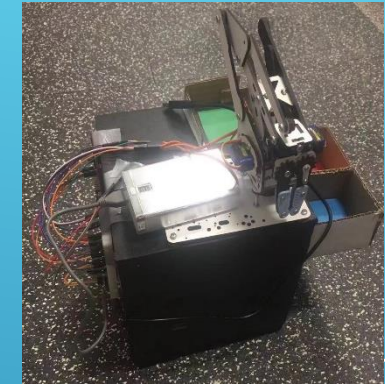
By Brandon Cheung, Daggem Eshete,
Jake Pan, and Guansong Tao

Pixy Cam 2:



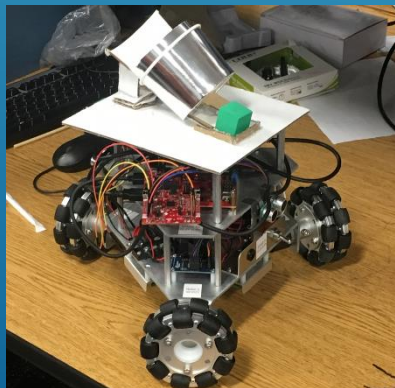
The Pixy
Cam detects
the color of
the block
delivered by
the Rover.

Robotic Arms



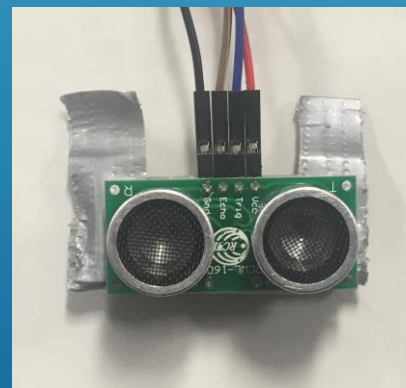
The Loading robotic arm loads
a colored block onto the
rover. The Retrieval robotic
arm extracts the block and
places it in the correct colored
holding location.

Triangle Rover:



The Rover moves
forwards and
backwards
between the two
arms.

Ultrasonic Sensor:



The
Ultrasonic
Sensors stop
the Rover
when it is too
close to an
arm