

[https://www.amazon.in/xcluma-TCS3200-Sensor-TCS230-Arduino/dp/B072J3BBSZ/ref=sr\\_1\\_3?keywords=tcs3200&qid=1579863763&sr=8-3](https://www.amazon.in/xcluma-TCS3200-Sensor-TCS230-Arduino/dp/B072J3BBSZ/ref=sr_1_3?keywords=tcs3200&qid=1579863763&sr=8-3)

<https://robu.in/product/hc-sr04-ultrasonic-range-finder/>

<https://robu.in/product/microswitch-kw10-z1p-limit-switch-1a-125v-ac-2pcs/>

<https://www.amazon.in/GreyRobotics-Follower-Digital-Reflectance-Precision/dp/B07BCY5SJH>

[https://robokits.co.in/robot-wheels/heavy-duty-industrial-wheels/75mm-light-single-rubber-castor-wheel?cPath=164\\_175&](https://robokits.co.in/robot-wheels/heavy-duty-industrial-wheels/75mm-light-single-rubber-castor-wheel?cPath=164_175&)

<https://robu.in/product/n20-12v-120rpm-micro-metal-gear-motor-with-encoder/>

Borrow irs from school - can't find analog ones

<https://robokits.co.in/batteries-chargers/skycell-lithium-polymer-battery/11.1v-lipo-batteries-3-cell/lithium-polymer-lipo-rechargeable-battery-11.1v-3300mah-25c> - 3300 MAH

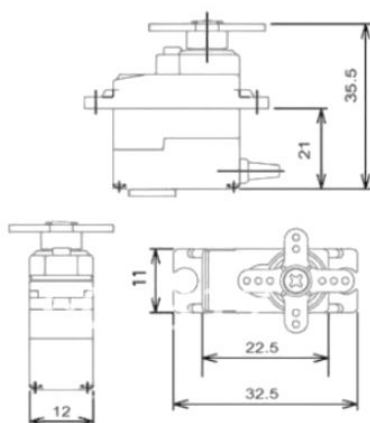
<https://robokits.co.in/batteries-chargers/skycell-lithium-polymer-battery/11.1v-lipo-batteries-3-cell/lithium-polymer-lipo-rechargeable-battery-11.1v-2200mah-25c> - 2200 MAH

<https://robu.in/product/l293d-motor-driver-module/>

<http://rcduniya.com/product/banggoodcom-4x-towerpro-mg92b-robot-138g-35kg-torque-metal-gear-digital-servo>

Better:

[https://www.amazon.in/Easy-Electronics-Mg90S-Metal-Micro/dp/B07FCKM899/ref=sr\\_1\\_1?keywords=micro+metal+gear+servo&qid=1580096842&sr=8-1](https://www.amazon.in/Easy-Electronics-Mg90S-Metal-Micro/dp/B07FCKM899/ref=sr_1_1?keywords=micro+metal+gear+servo&qid=1580096842&sr=8-1) METAL GEAR MICRO



<https://robu.in/product/towerpro-mg90s-mini-digital-360-degree-servo-2-2kg-0-08sec-13g/>

<https://robu.in/product/towerpro-sg90-continuous-rotation-360-degree-servo-motor/>

[#REDUNDANT](https://www.amazon.in/CentloT-Helicopter-Airplane-Steering-DEGREE/dp/B07VRTWQ4R/ref=sr_1_3?keywords=360+continuous+servo&qid=1579875878&sr=8-3)

<https://robu.in/product/towerpro-mg995-continuous-rotation-360-metal-gear-servo-motor-9-2kg/>

<https://www.adafruit.com/product/4201>

Communication link (bw ardu and Rpi):

<https://maker.pro/raspberry-pi/tutorial/how-to-connect-and-interface-raspberry-pi-with-arduino>

<https://www.raspberrypi.org/forums/viewtopic.php?t=230636>

A good link pertaining to LiPo calculation:

[http://multicopter.forestblue.nl/lipo\\_need\\_calculator.html](http://multicopter.forestblue.nl/lipo_need_calculator.html)

<https://shop.pimoroni.com/products/hyperpixel-4?variant=12569485443155> - display communicating over sda scl

<https://pinout.xyz/>

<https://www.adafruit.com/product/1411>

