Barrel Jack can easily have a power and ground connection at the same time.

Ground – region of 0 electric potential. Everything must be routed to the ground to create a closed circuit. Ground is usually from the negative end of the node.

A diagram of a circuit

Description automatically generated In terms of the circuit, the numbering is determined by the data sheet.

A yellow rectangular object with red text

Description automatically generated

Buck Converter: turns high voltage to low voltage.

Arduino:

\* Bring up to speed with MARS components

\* 50/50 on Tuesday

\*Have Micro-controller and Camera picked out

\* Finish the tutorial for the arduinos