

Quadcopter- Optic Flow Sensor

A drone with an optic flow sensor can determine its position in the absence of GPS signal. Used mostly for indoor flying, this sensor uses a low-resolution camera that looks down. It uses the image it receives and can correct its position based on how the image shifts. Students will integrate the optic flow sensor on the drone and configure the autopilot to use it to determine its position when the GPS signal is lost or the sensor is not used.

