

Object Tracking Camera for Autonomous Drone

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Motivation:

Nowadays, we get drones that say they are tracking objects. But what they actually use is the GPS location of your mobile phone and not the actual object/human. This is the reason we are trying to create Object Tracking Camera system that can be mounted on an autonomous drone. This system will track an object using Real-Time.

Features:

A Pan-tilt Camera Gimbal System

Can track any object based on ROI selection.

Based on object's color.

Future Plans:

A GUI to give ROI of object to camera.

Integrate this system to Autonomous Drone

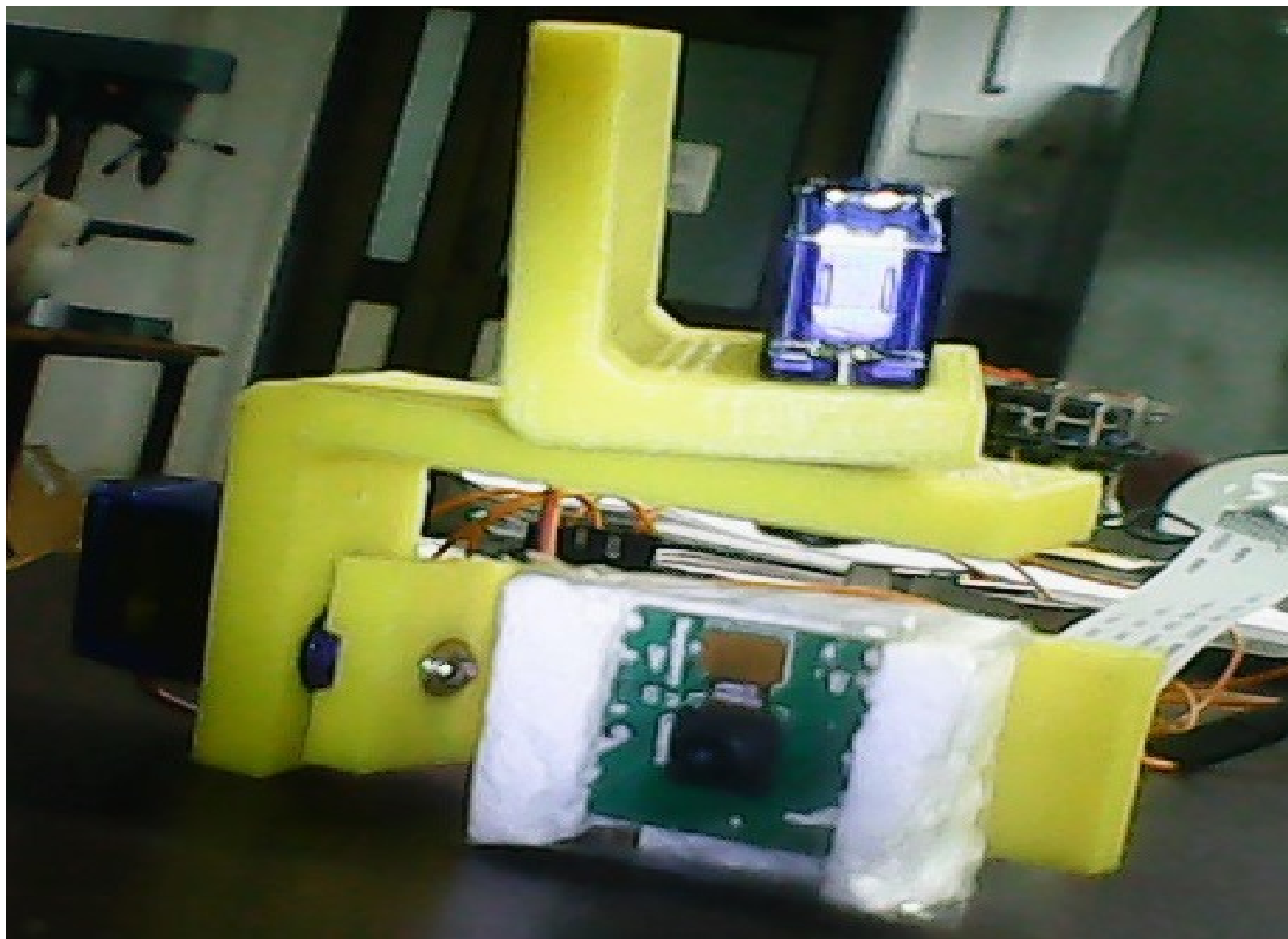


Image Source:
dronesselect.com