

ABSTRACT

Recording yourself using a camera today can be said a necessity. Can be for entertainment or personal documentation. But how if you want to record yourself but no one can control the camera so that the camera still records to the object. To overcome this, people usually use a tripod so they can record themselves. However, the person will go back and forth to direct the tripod. For that we need a system that is able to set the tripod feature so that it can direct the camera to keep recording objects without being touched by the user. In this final project a system will be used using Arduino which is able to add features to a tripod to move automatically to follow moving objects by using GPS streaming on a smartphone object with the GSP module on Arduino. The results showed that the tripod can move horizontally when objects move from one place to another with an average delay of 5 seconds.

Keywords: Solo cameraman, Automatic move, Object, Tripod