**Project Proposal**

 **Time-Lapse Camera Controller**

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 **This project allows the use of the Arduino to take control of a camera to take photos at regular intervals so they can be reconstructed as a time-lapse movie.**

Parts Required

1 Digital camera

1 Arduino Duemilanove, Arduino Pro, Seeeduino, or equivalent

1 Prototyping shield

2 Reed relay

2 1N4001 diode or equivalent

1 3.5mm stereo socket

1 Light-dependent resistor (optional)

1 10K resistor (optional)

Camera connection for Olympus:

 50cm shielded mono cable

 Camera connection via infrared: 1 IR LED



