

Raspberry Pi Alarm System

Parts List

- Raspberry Pi B+ or later with Raspbian Jessie
- Raspberry Pi camera (Adafruit 1367)
- Raspberry Pi camera mount (Adafruit 1434)
- Pi Cobbler (Adafruit 914)
- 40- to 26-pin reduction cable (Adafruit 1986)
- Wi-Fi adapter (Adafruit 814)
- Motion detector and receiver (Skylink HA-434RTL)
- Solid state relay (Sparkfun COM-13015)
- Prototyping breadboard (Sparkfun PRT-12615)
- 5-volt, 2-amp Micro USB power supply
- 1 LED (optional)
- 390-Ohm resistor (optional)
- Power bar or power strip
- Various lengths and colors of 22-gauge wire
- Soldering iron and solder
- Wire strippers

Schematic Diagram

