

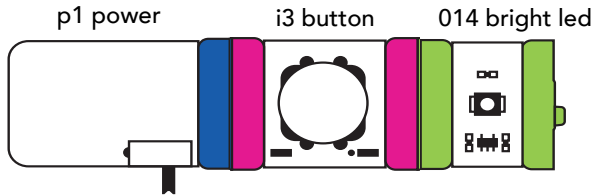
MAKERS BY MAIL  
**HACKTIVIST SURVEILLANCE CAMERA**  
[makersbymail.org/kits/hacktivist-surveillance-camera/](http://makersbymail.org/kits/hacktivist-surveillance-camera/)



# KIT CONTENTS:

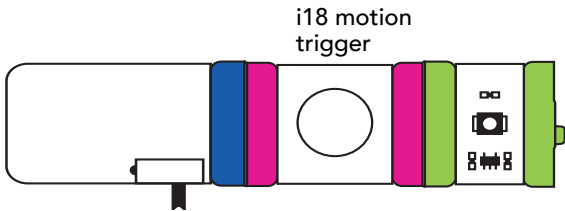
- p1 power
- i3 button
- i13 light sensor
- i17 timeout
- i18 motion trigger
- i20 sound trigger
- 014 bright led
- 011 servo
- w1 wire (x2)
- littleBits shoes (x6)
- littleBits screwdriver
- littleBits battery cable
- 9v battery
- littleBits mounting board
- sissors
- #0 phillips screwdriver
- camera + AAA (x3)
- electrical tape
- instruction cards

# Challenge 1: Getting to know littleBits



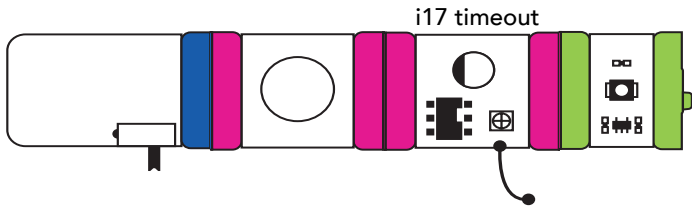
- ① Start with a blue power module and turn it on
- ② Push the button
- ③ Watch your green output module turn on!

## Challenge 2: Add a sensor



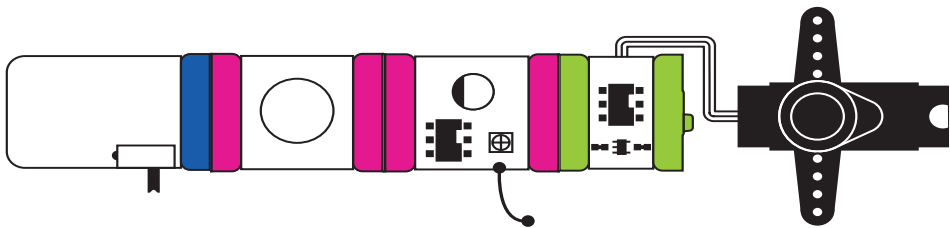
- ① Swap the button with the motion sensor
- ② Wave or move to activate the led with the motion sensor

## Challenge 3: Add a timer



- ① Create a delay in the action by adding a timeout
- ② Adjust the timeout with the small purple screwdriver. The timer adjusts from 1 second to 5 minutes

## Challenge 4: Triggering the camera



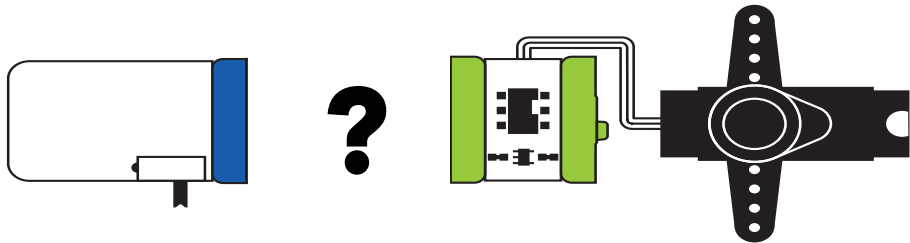
① Add the servo to your circuit

③ Flip the switch on servo to "swing" or "turn."

④ Use the supplies to attach the servo to the camera and trigger the camera shutter with the servo arm

\*Tip: Swap the button with the sensor and timeout while testing your servo placement

# Challenge 5: Experiment



① Experiment with the other sensors and bits in your kit

② Compare the results