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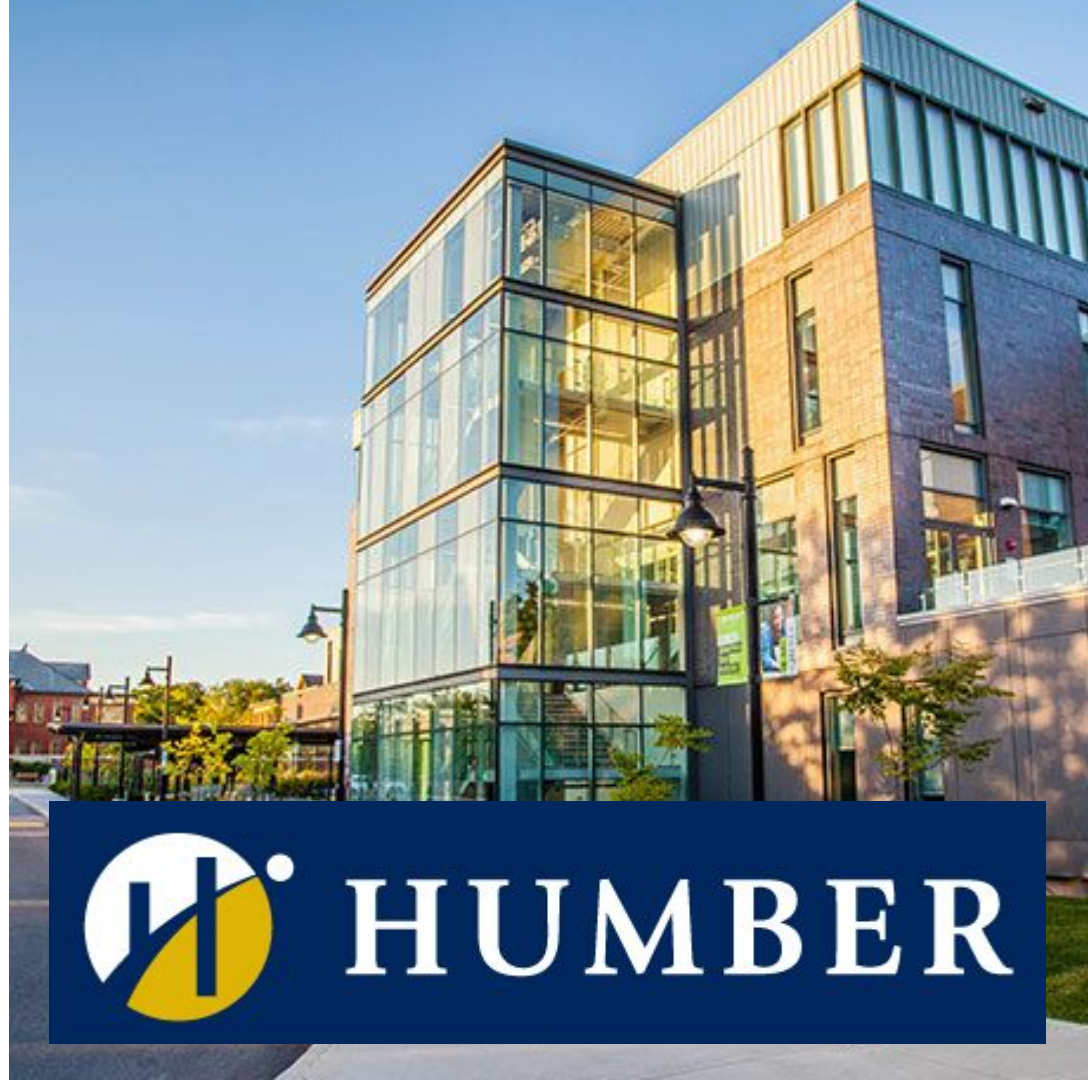
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Daily Bugle

Daily Bugle

Set #76178

Module Description

The Daily Bugle's antenna, crowned with a pulsating red light, elegantly illuminates when a passing vehicle triggers its sensor.
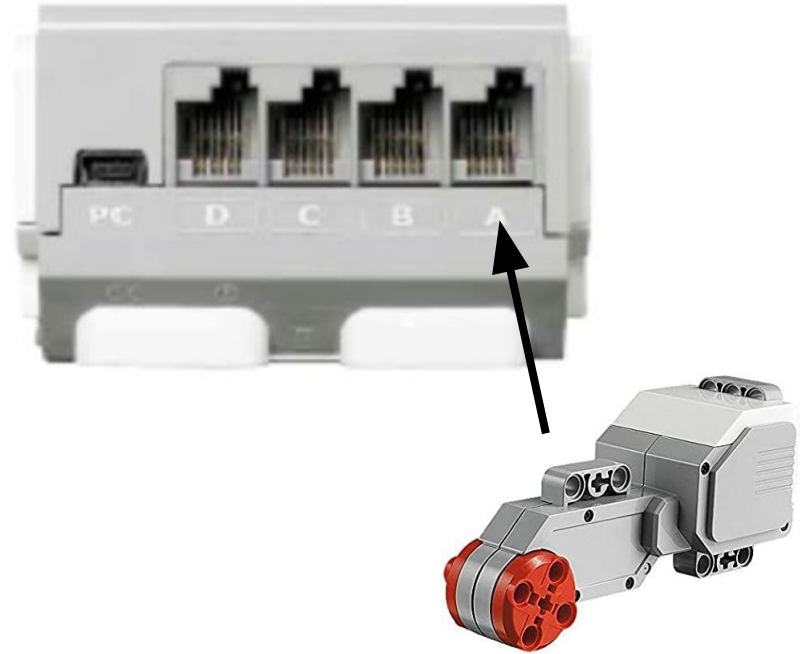
Sensors

The output will be a Color & Distance sensor which will be detecting motion in front of the building's street.

Ports

Daily Bugle will require one output port on an EV3 hub to connect a sensor. Sensor will be sending signal to the tower light through a wire.

Variables/Settings

Status: When a vehicle passes in front of the tower, status switches to **on**. When on, the red light on the tower will blink at **interval** of **3** seconds. Status returns to **off** after that.

Interval can be changed.

```
1   {
2       "Status" : "on",
3       "Interval"  : 3
4   }
```

IOT Loop

While True

  If status == "on"

    If counter % 3 == 0
      Turn off the light

    Else
      Turn on the light