# Physical Twin

**Instructions:**

1. Power the Physical Twin with the USB-A cable.
2. Wait until the LED on the NeoPixel Strip turns off.
3. Check if the values on the E-Ink display is updated within a minute.

If it did, the device is connected to WiFi.

**Note:**

1. Unless the motion/contact sensors’ state changes, the sensors will refresh the MQTT topics every 55 mins.
2. The E-ink display shows the TVOC, Humidity and Temperature detected by the Self-Built Air Monitor, which updates every minute. The location of the user will only update when motion sensors detect motion or the main door moves.

# Controller

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| **Instructions** |  |
| *On/Off Desk Lamp* | Toggles Desk Lamp |
| *On/Off Light* *Strip* | Toggles Light Strip |
| *Cold* *Light* *Strip* | Changes Light Strip Colour to a Cold White |
| *Warm* *Light* *Strip* | Changes Light Strip Colour to a Warm White |
| *Red* *Light* *Strip* | Flash Light Strip 5 times in Red  (Note: Physical Twin might not reflect the flashing due to Internet speed) |
| *Adjust* *Light* *Brightness* | Long Press (1s) the On/Off button  and turn the corresponding potentiometer |