

# Occulights Installation Guide

## Before You Start

To ensure a smooth installation, please check the following:

### 1. Power and Network Requirements:

- a. Verify that a Power over Ethernet (PoE) connection from a network switch or PoE adapter that is available at the location where the OccuHub (sensor) and OccuLight (indicator light) will be installed.
- b. The Occulight and Occuhub can both be powered with PoE or USB-C
- c. Ensure you have available Wi-Fi to connect the solution
- d. Ensure the Wi-Fi in the area has good enough coverage

## What's in the Box?

Your Occulights kit contains the following items:

1. **OccuHub (Sensor)**
2. **OccuLight (Indicator Light)**

Additionally, the box provides:

- A **QR code** to register or log in to the Occulight portal.
- The **serial number** of the OccuHub.
- The **serial number** of the OccuLight.

## Step-by-Step Installation

### 1. Mount and Connect the Devices

#### 1. Positioning and mounting of the Devices:

- a. Mount OccuLight and Occuhub at their designated locations. Ensure they are mounted securely.
- b. Mount the OccuHub in the ceiling inside of the room.

- c. Mount the Occulight outside of the room, either vertically or horizontally, based on your needs. We recommend using an angled PoE cable for Occulight.
- d. If you are mounting the Occulight on glass surface, we recommend using UV glue while mounting with glass surface.

## **2. Connect the Devices to Power Supply:**

- a. Plug the OccuLight into the PoE network or use USB-C. If you use PoE with the light it should be used an angled PoE cable
- b. Plug the OccuHub into the PoE network or use USB-C for power supply.

## **2. Check Device Indicators**

- **If the Devices are Pre-configured:**
  - The OccuLight will blink red twice.
- **If It Does Not Blink:**
  - Pairing is required (instructions provided below).

## **3. Configure the Devices**

Before proceeding, you must have mounted the devices and connected them to PoE.

[Occulights setup video](#)

### **1. Find the OccuHub Wi-Fi Network:**

- a. On your smartphone or computer, open the Wi-Fi settings.
- b. Look for a network name matching the OccuHub's name found on the box.
- c. Example: Occuhub\_B081840AA99C.

### **2. Select the OccuHub Network:**

- a. Connect to the network and wait a couple of seconds until the connection is completed.
- b. Once connected, a configuration page will automatically appear.

### **3. Select a Local Network:**

- a. On the configuration page, choose your desired Wi-Fi network.
- b. Enter the chosen **SSID**

- c. Enter the network password in the **Password** field.
- d. Input the **Company ID** you received when you first logged into the Occulights portal.
- e. **Important:** Without this ID, the device will not appear in your company account on the web portal.
- f. Click **Save** to finalize the setup.
- g. A message will confirm that the device is connecting to the local network.
- h. If the connection fails, you will be redirected back to the Wi-Fi setup page.

#### 4. Link Devices to Your Company in the Portal

Once the devices are connected, use the Occulights portal to finalize the setup:

1. Go to [app.occulights.com](http://app.occulights.com) and log in.
2. **Create a Room (if necessary):**
  - a. Navigate to the “Rooms” section and create a new room.
3. **Claim Your Devices:**
  - a. Go to the **Inventory** section.
  - b. Find the devices listed and click **Claim**.
4. **Assign Device Names and Room IDs:**
  - a. Name each device and link it to the appropriate room.

**Congratulations!** Your Occulights kit is now successfully installed.

### Advanced Configuration (Optional)

For advanced users who want greater control, you can access the OccuHub’s local webpage:

- Scan the advanced setup QR code and enter the website.
- **Username:** Occulights
- **Password:** config

This webpage provides additional settings and diagnostic tools, you can for example make the following adjustments:

- Light HOLD time
- Debounce Delay
- Temperature Interval

## **Video Instructions:**

[Occulights setup video](#)

[Occulights configuration video](#)