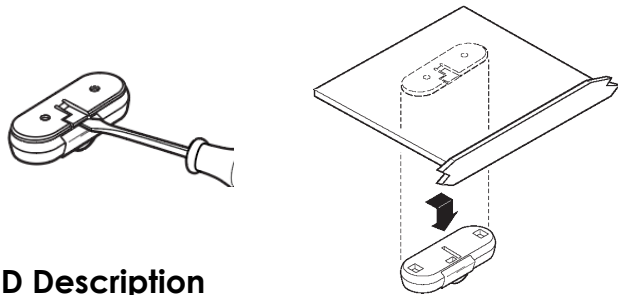


Removing the Sensor

If you have used adhesive tape, peel off the tape by pulling up each corner and peeling it to the center. You can try rubbing some alcohol into the adhesive to loosen it if it is too sticky. Gently remove the sensor from the desk.

If you have used wood screws, insert a flat-head screwdriver between the tab on the mount and the sensor. Press the tab up and gently remove the sensor by sliding it forward and down from the mount.



LED Description

LED Status	Description/Solution
LED not on	Power issue or faulty sensor. Check power and wiring.
Blinking Green	The commissioned sensor has powered up and has detected motion. If there is no motion in the sensor's field of view, the blinking will stop. Wave your hands below the sensor to restart LED blinking.
Solid Green	The un-commissioned sensor has powered up successfully and waiting for discovery.
Solid Red	Faulty sensor – replace the sensor.
Solid Blue	Sensor received a request to identify itself.

Model No: SU-5i-USB
Product Code: SU-5i-xxx
xxx: IoT Note (IoT)
FCC ID: AQQ-SU5I
IC: 10138A-SU5I

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companies or organizations.



FCC and Industry Canada Compliance Information

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with Part 15 of the FCC Rules and Industry Canada license-exempt RSS standard(s). Operation is subject to the following three conditions:

- this device may not cause harmful interference, AND
- this device must accept any interference received, including interference that may cause undesired operation.
- this equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Changes or modifications not expressly approved by Enlighted Inc. could void the user's authority to operate the equipment.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- l'appareil ne doit pas produire de brouillage, ET
- l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
- Cet équipement est conforme aux limites d'exposition aux radiations IC définies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

CE

This device complies with the essential requirements and other relevant requirements of the R&TTE Directive (1999/5/EC) and Radio Equipment Directive (RED) 2014/53/EU. The equipment is Class 1 radio equipment which can be placed on the market and be put into service without restrictions in accordance with article 1(3) of Commission Decision 2000/299/EC (Version July 2014).
Wireless protocol: IEEE802.15.4, Radio Freq: 2400 – 2483.5MHz, RF TX output power (max): 3dBm
Wireless protocol: IEEE802.15.1, Radio Freq: 2400 – 2483.5MHz, RF TX output power (max): 3dBm

Company Contact Information

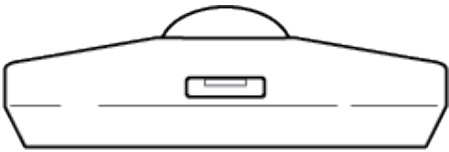
Location: 930 Benecia Ave, Sunnyvale, CA 94085
Phone: +1.650.964.1094
Web: enlightedinc.com

Technical Support

For questions , contact support@enlightedinc.com



Surface Sensor, USB
Install Guide



Surface Sensor, USB

Shipped Components

- Surface Sensor, USB, (SU-5i-USB)
- One VHB adhesive strip

Optional Components

- Mount bracket* with two #4 0.5" wood screws, (BRKT-SU5i-50)

Items you may Need

- USB-A to micro USB-B or micro USB-A connector cable up to 8m or 26.2 feet in length
- AC/DC 5V with 10W or 3W external wall mounted power adapter
- Cable clips with strong adhesive tape

Tools you may Need

- Hand screwdriver

*50-pack of the brackets with screws sold separately with the optional mount bracket.

Caution

- Installation and maintenance must be in accordance with local, state, and national electrical codes (NEC) and requirements.
- Installing sensors in the ceiling may require running cable through walls or ceilings. One end of the cable connects to the USB port of the sensor, and the other end into a power adaptor. Make your cable selection based on the type of installation.

Overview

The Surface Sensor can be installed either in the ceiling tile or placed under the desk.

The Surface sensors are shipped with the adhesive strip. The mounting bracket must be ordered separately.

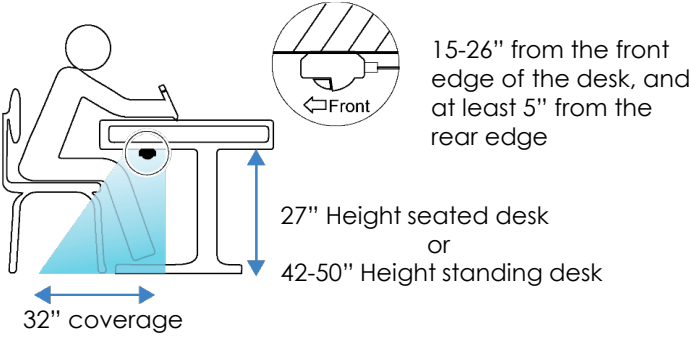
The sensors can be installed using

- Adhesive strip, or
- Wood screws

The adhesive strip is recommended for a metal ceiling grid or any smooth tile surface. Since desks can be of wood or metal, use either adhesive strip or wood screws to mount the sensor to the underside of the desk.

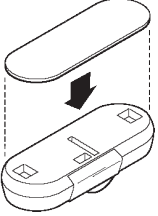
Guidelines

- Center and mount the sensor to the underside of the desk 15-26" from the front edge of the desk and at least 5" from the rear edge for a typical 27" height seated desk, or a 42-50" height standing desk.
- Mount the sensor parallel to the front edge of the desk.
- After installation, the sensor lens must be facing the desk occupant for the sensor to detect occupancy.
- Ensure that the USB cable is long enough to plug into the nearest USB adaptor.



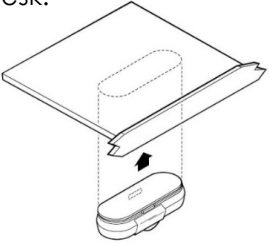
Using Adhesive Strip (for Ceiling and Desk)

- Step 1:** Use a dry clean cloth or paper towel to clean the surface to ensure a strong bond.
- Step 2:** Remove the plastic strip on the double-sided adhesive strip and fix it to the back of the sensor.



- Step 3:** For ceiling applications, remove the mask over the lens. Hold the top edge of the dome-shaped mask, rotate it counterclockwise, and lift the mask.
- Step 4:** Peel the backing from the other side of the adhesive.
- Step 5:** For ceilings, hold the sensor firmly for five seconds to ensure proper adhesion to the surface.

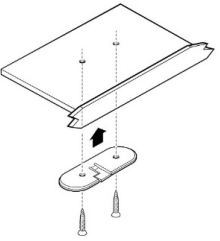
For desks, hold the sensor such that the USB port is facing the rear of the desk, and the sensor lens is facing the desk occupant. Then, firmly press the sensor into the underside of the desk.



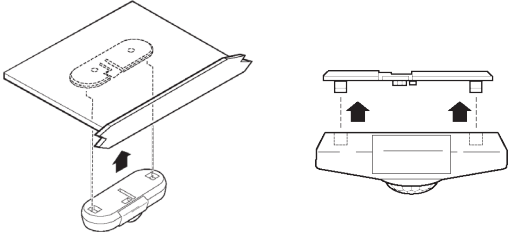
- Step 6:** Allow at least 30 minutes for the mount to adhere to the surface.

Using Wood Screws (for Desk)

- Step 1:** Insert the wood screws through the mounting holes with the tab facing the front edge of the desk. Fasten the mount to the underside of the desk using a screwdriver.



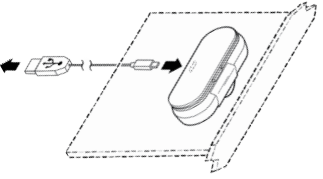
- Step 2:** When placing the sensor inside the mount, hold the sensor with the USB port facing the rear of the desk.
- Step 3:** Place the sensor by guiding the grooves in the base onto the hooks on the mount. Slide the sensor back until you hear a click to secure it to the mount.



Wiring the Cable to the Power Supply

Connect the USB end of the sensor cable into the micro USB port on the sensor, and the other end to a powered USB external adaptor plugged into the wall.

Confirm that the green LED is on solid. A red solid or blinking LED indicates a faulty sensor or wiring issue.



To keep cables organized, use a cable holder with cord clips for holding the extra length of the cable. Ceiling sensors can use up to 8m extended cable.