

ENCELIUM

# SSU Vision Sensor



## ENCELIUM SSU Vision Sensor Installation Guide

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ENCELIUM SSU Vision Sensor



## Specifications

- **Type:** Motion Sensor
- **Usage:** Ideal for large areas such as open-plan offices, corridors, and storage rooms
- **Compatibility:** Can be used standalone or as part of Encelium X Lighting Control System with DALI High-Bay Adapter

## FAQs

- **Q: Can the VISION Sensor be used with other lighting control systems?**
  - **A:** The VISION Sensor can be used with the Encelium X Lighting Control System with the addition of a DALI High-Bay Adapter.
- **Q: What is the range of the sensitivity adjustment settings?**
  - **A:** The sensitivity adjustment settings range from 5 to 13 meters based on the selected sensitivity level.

## OVERVIEW

- The VISION Sensor is a motion sensor ideal for large areas such as open-plan offices, corridors, and storage rooms.
- The VISION Sensor can be used as a standalone solution or as part of the Encelium X Lighting Control System with the addition of a DALI High-Bay Adapter.
- For more information on product specifications and design tools visit [encelium.com](https://encelium.com).

## PRODUCT SAFETY

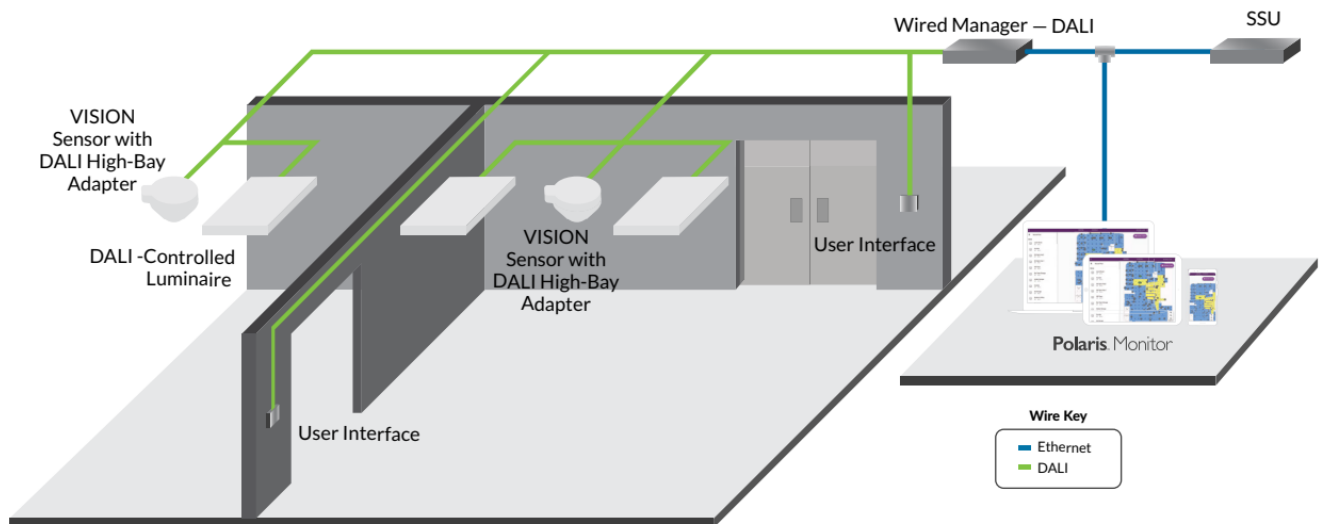
### READ THESE INSTRUCTIONS BEFORE USING THE PRODUCT

When using electrical equipment, basic safety precautions should always be followed, including the following:

- Do not mount near gas or electric heaters or let power supply cords touch hot surfaces.
- Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
- The use of accessory equipment is not recommended by Encelium as it may cause an unsafe condition.
- All DALI channels are internally connected to the control unit. Make sure to consider this when installing.
- Do not use this equipment for other than the intended use.

SAVE THESE INSTRUCTIONS.

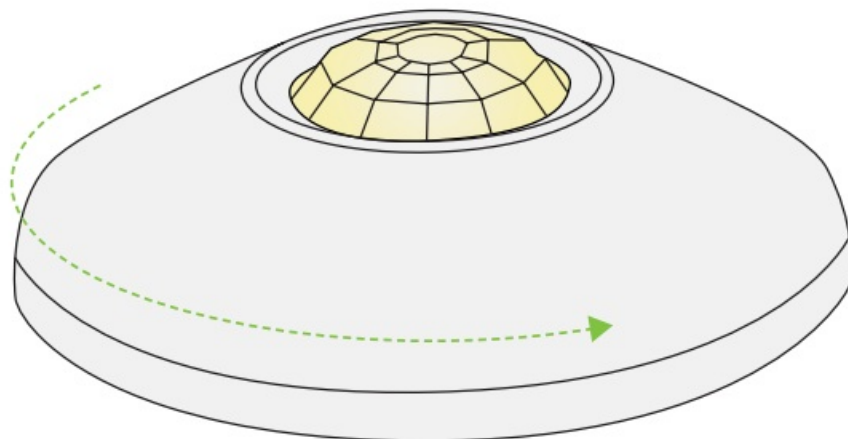
## WIRED SYSTEM OVERVIEW



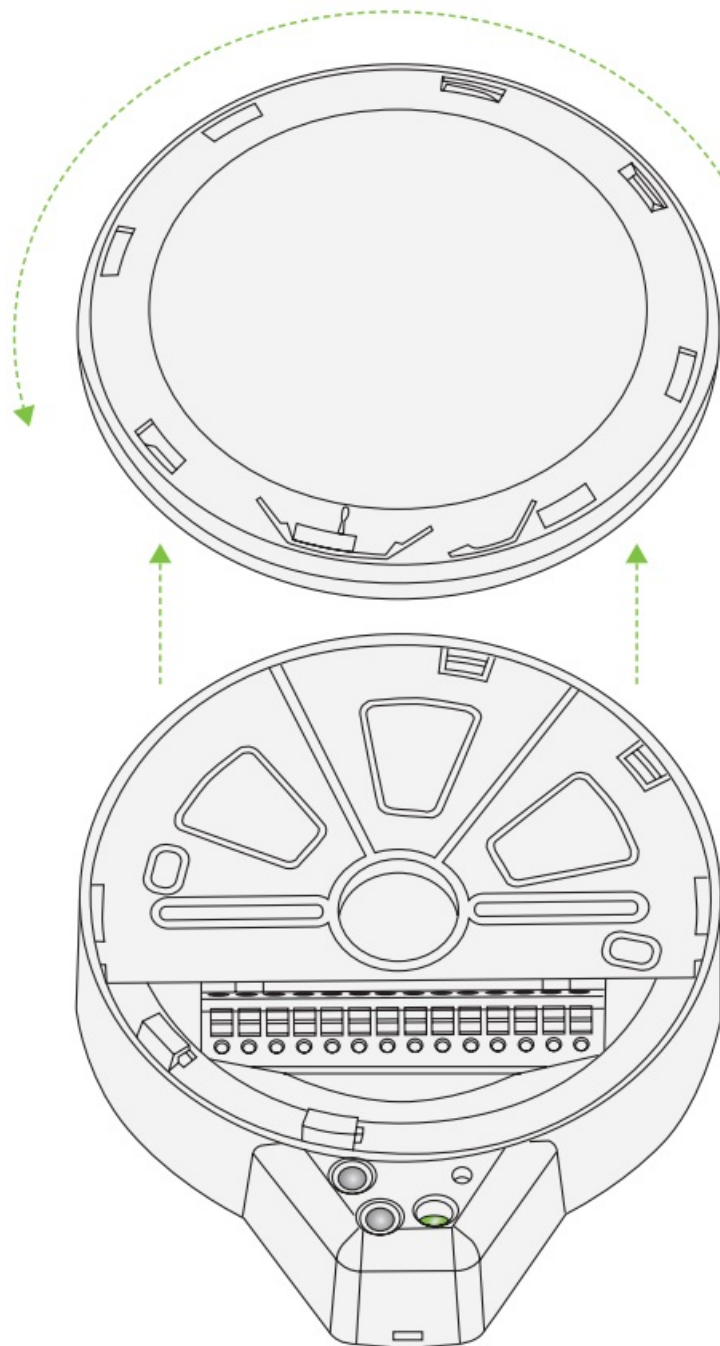
- Encelium X enables you to control DALI devices.
- With any Encelium wired design, you get a reliable, lighting control system that can be installed quickly and easily.

## INSTALLATION STEPS

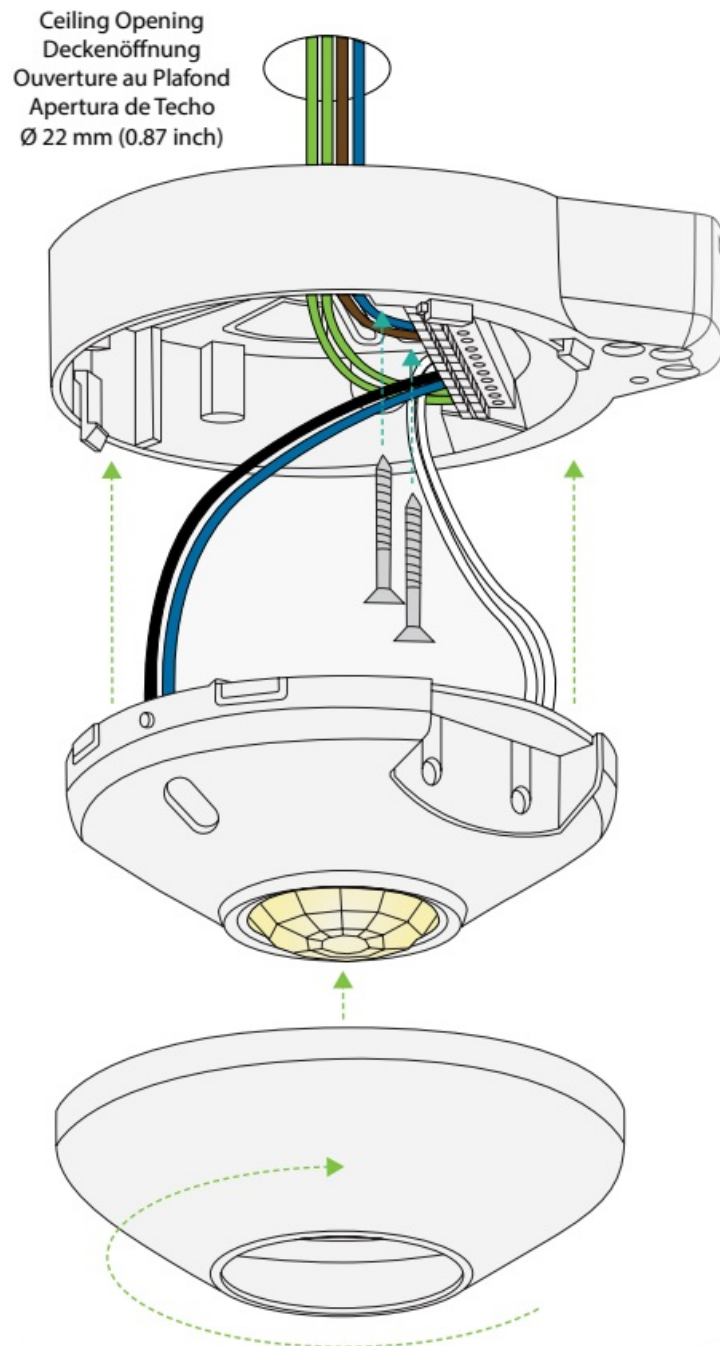
- **STEP 1** Remove the VISION Sensor cover by turning it counterclockwise. Place cover aside.



- Proceed to Step 2 if you are installing the VISION Sensor into the DALI High-Bay Adapter.
- **STEP 2** Remove the DALI High-Bay Adapter cover by turning it counterclockwise and lifting up.

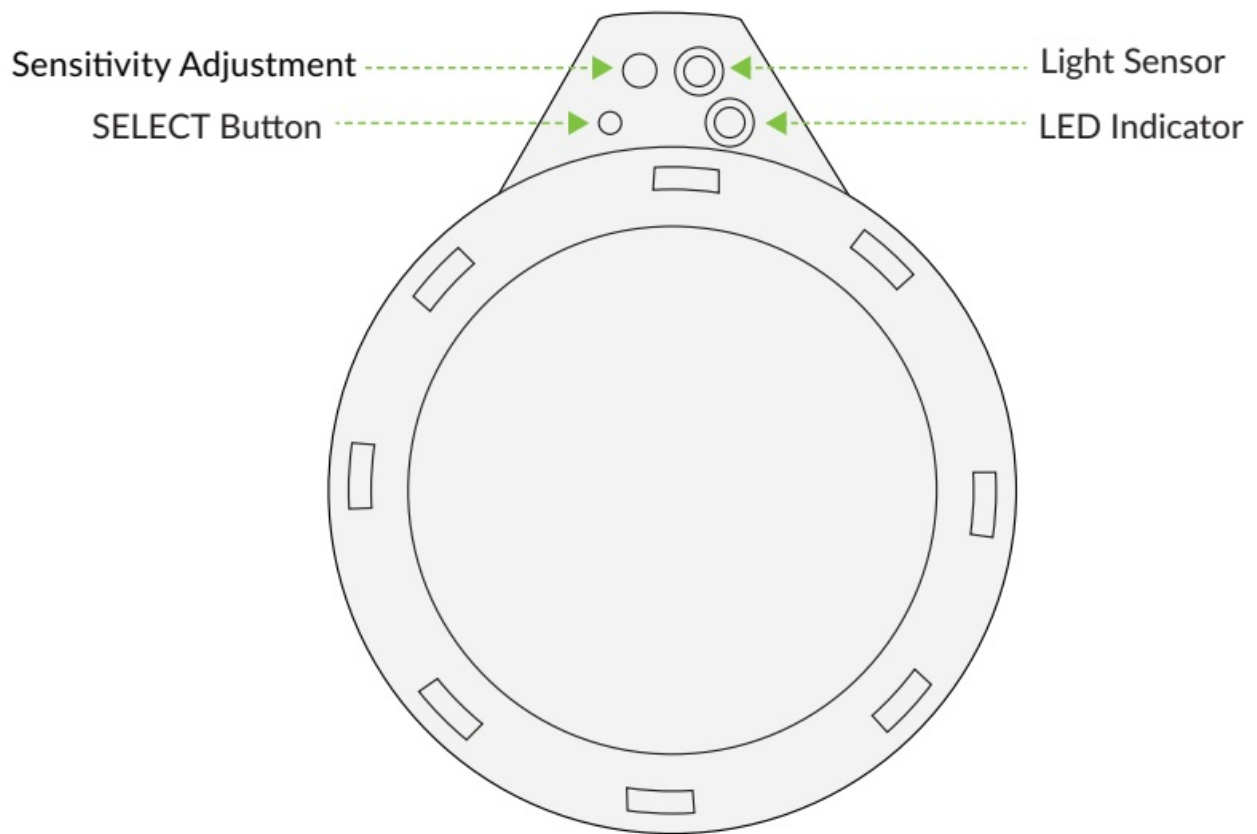


- **STEP 3** CEILING INTEGRATION WITH DALI HIGH-BAY ADAPTER



- Cut a Ø 22 mm (0.87 inch) hole in the ceiling. Line up the DALI High-Bay Adapter holes to the ceiling hole and screw into the ceiling.
- Connect the Mains and DALI wires to the DALI High-Bay Adapter connector block. Connect the VISION Sensor wires to the DALI High-Bay Adapter connector block.
- Place the VISION Sensor into the DALI High-Bay Adapter and push until it clicks into place. Then install the VISION Sensor Cover by turning it clockwise until it is secure.

## DALI HIGH-BAY ADAPTER FEATURES

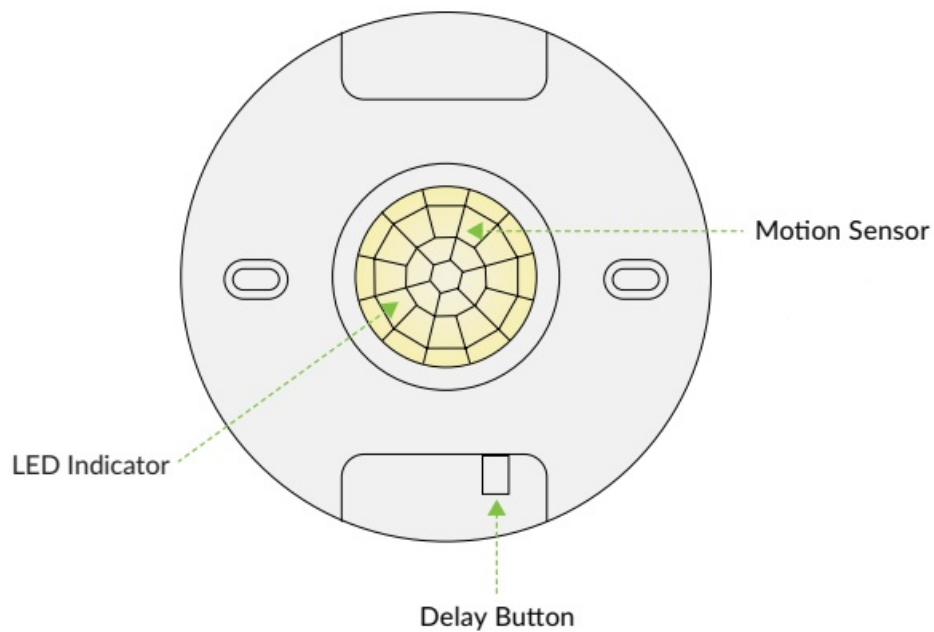


- The DALI High-Bay Adapter features a SELECT Button, Sensitivity Adjustment, Light Sensor, and LED Indicator.
- To confirm wiring connections quickly press the SELECT Button.
- If DALI voltage is present the LED Indicator will turn on.
- Another quick press of the SELECT Button will turn off the LED Indicator, otherwise, it will switch off after 30 seconds.
- The Sensitivity Adjustment allows the lights to be set from bright to dark.
- The Light Sensor can be adjusted in its sensitivity by a potentiometer to optimize measurement window usage (see the Light Sensitivity Range details below).

### Light Sensitivity Range

Mounting Height	Bright	Gray	Black
5 to 8 m (16.4 to 26.5 ft)	1		
7 to 10 m (23 to 33 ft)		3	
10 to 13 m (33 to 42.6 ft)			5

### VISION SENSOR FEATURES

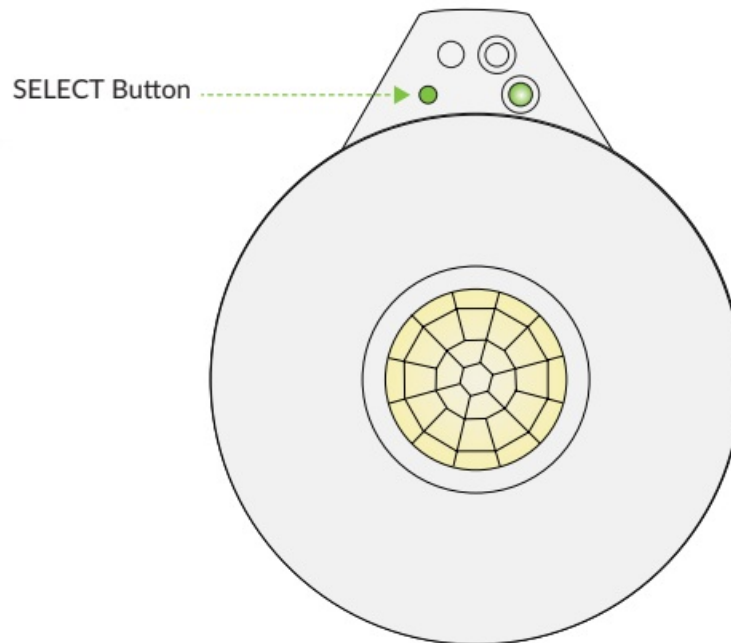


- The VISION Sensor features an LED Indicator, Motion Sensor, and Delay Button.
- The Delay Button is used to set the delay between 10 seconds and 20 minutes (see the Delay Button Settings details below).

### Delay Button Settings

Number of Button Presses Anzahl der Tastendrucke Nombre de Pressions sur les Boutons Número de Pulsaciones de Botones	Delay Setting Verzögerungseinstellung Réglage du Délai Configuración de Retraso
1X	30 Second Delay / 30 Sekunden Verzögerung / Délai de 30 Secondes / Retraso de 30 Segundos
2X	2.5 Minute Delay / 2.5 Minuten Verspätung / Délai de 2.5 Minutes / Retraso de 2.5 Minutos
3X	5 minute delay / 5 Minuten Verspätung / Délai de 5 Minutes / Retraso de 5 Minutos
4X	7.5 Minute Delay / 7.5 Minuten Verspätung / Délai de 7.5 Minutes / Retraso de 7.5 Minutos
5X	10 Minute Delay / 10 Minuten Verspätung / Délai de 10 Minutes / Retraso de 10 Minutos
6X	12.5 Minute Delay / 12.5 Minuten Verspätung / Délai de 12.5 Minutes / Retraso de 12.5 Minutos
7X	15 Minute Delay (default) / 15 Minuten Verspätung (Werkseinstellung) / Délai de 15 Minutes (par défaut) / Retraso de 15 Minutos (predeterminado)
8X	17.5 Minute Delay / 17.5 Minuten Verspätung / Délai de 17.5 Minutes / Retraso de 17.5 Minutos
9X	20 Minute Delay / 20 Minuten Verspätung / Délai de 20 Minutes / Retraso de 20 Minutos

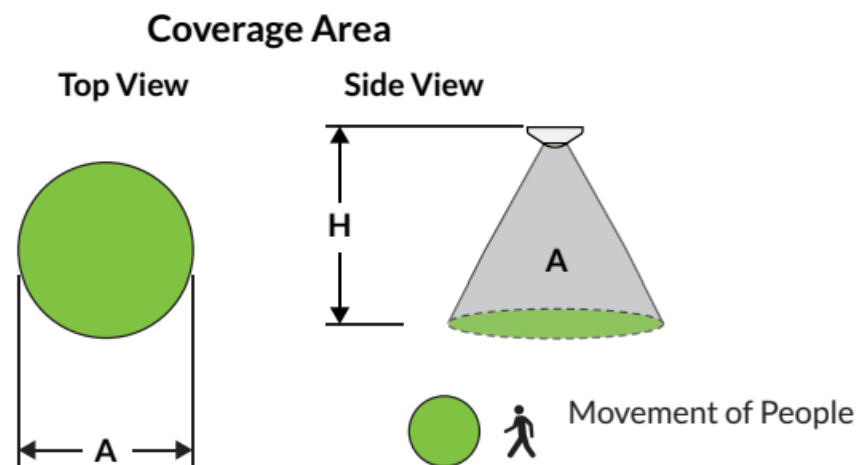
### FACTORY DEFAULT SETTINGS



- To reset the DALI High-Bay Adapter to factory default settings, press and hold the SELECT button for approximately 10 seconds. The LED Indicator will blink for 4 seconds.
  - **Note:** This does not reset the VISION Sensor to factory default settings.

## SENSOR DETECTION RANGE

- The detection range of the High-Bay Sensor must be set before it can detect motion.
- Place objects that radiate heat outside the detection area and avoid drafts.




## Sensor Detection Range



	Movement of People (A) Bewegung von Menschen Mouvement des Personnes Movimiento de Personas
Mounting Height (H) Montagehöhe Hauteur de Montage Altura de Montaje	4.5 m (15 ft)
Detection Range Erfassungsbereich Portée de Détection Rango de Detección	21 m (69 ft)
Coverage Area Abdeckungsbereich Zone de Couverture Área de Cobertura	360°

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Documents / Resources



[ENCELIUM SSU Vision Sensor](#) [pdf] Installation Guide  
Wired Manager, SSU, DALI High-Bay Adapter, SSU Vision Sensor, SSU, Vision Sensor, Sensor

References

- [E Encelium - Exceptional Lighting Management](#)
- [User Manual](#)

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