

SafeSense AI™

An AI-Powered, Plug-and-Play Intelligent Thermal Sensing Solution

SafeSense AI™ is an AI leveraged solution that maximizes privacy and security. Our solution collects low-resolution heat signatures, which are ambiguous to the human eye. SafeSense AI™ proprietary AI technology securely processes heat signatures on-device to generate required detection results, without the need for transmission of raw data over a network.

Applications

Suitable for any commercial or residential space where thermal or motion detection is desired, including:

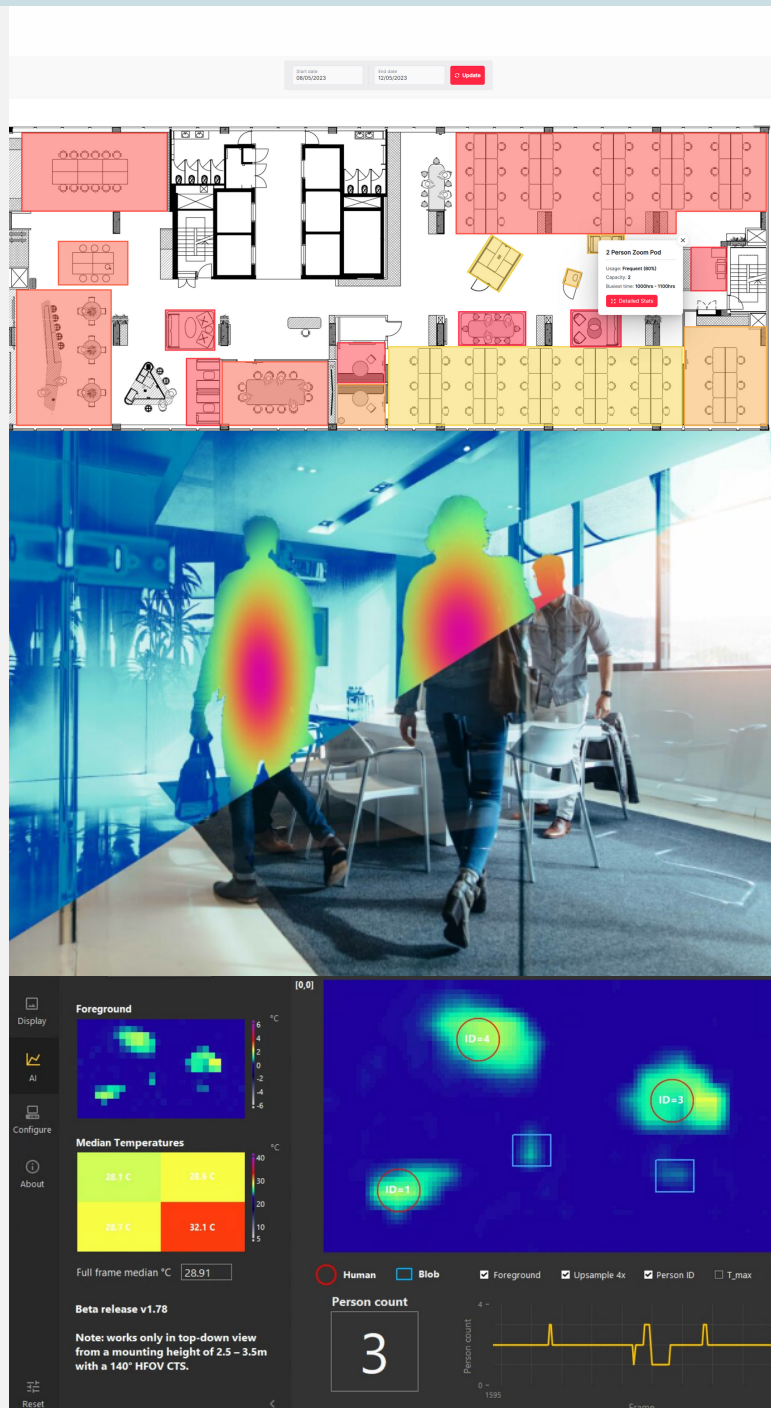
- Hospitals & Medical Office Buildings
- Education & Daycare Facilities
- Restaurants & Hotels
- Restoration & Abatement
- Commercial Realty
- Residential Homes

Features & Benefits:

- Comprehensive dashboard featuring multiple indoor space data metrics.
- Review data in a cloud-based application for web or mobile devices.
- Historical data output based upon subscription purchase.
- Quick and easy installation with zero maintenance.
- High resolution thermal data while maximizing privacy and security.
- Seamless integration with illumiPure's Healthy Buildings System for enhanced energy efficiency and preset device usage.
- Scalable network deployment.

Measurements:

- Occupant Counting
- Occupant Tracking
- Door Counting
- Tailgating
- Fall Detection
- Temperature Mapping and Monitoring



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Learn more at illumiPure.com

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Specs:

<u>Specifications</u>	<u>Descriptions</u>
Sensor Technology	SafeSense AI™
Network Connection	Ethernet
Power Supply	12, 24VDC
Power Consumption	1W
Installation	Ceiling Mounted
Mounting Height Range	2.0 m to 4 m
Regulatory	FCC, CE, C-Tick, RoHS
Material Casing	Fire-Retardant Polycarbonate
User Interface	VerticesAQS™ Cloud Dashboard

In the Box:

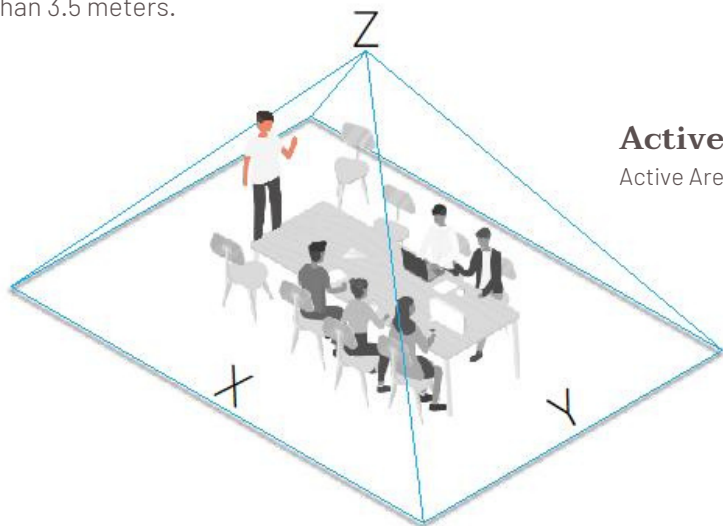
- Safe Sense AI™ sensors
- Ceiling mounting plate



Active Area & Mounting Heights

The SafeSense AI™ sensor hub active areas is the area that can be effectively monitored by the SafeSense AI™ hub and is determined by the mounting height of the sensor. The table below outlines typical active areas of range of mounting heights between 2 meters and 4 meters.

To ensure optimal performance, please contact us if you intend to install your SafeSense™ sensor hub at a mounting height of greater than 3.5 meters.



Active Area Dimensions

Active Area Dimensions (X and Y) for typical mounting heights between 2.0m and 4.0m

<u>Z (height) [m]</u>	<u>X [m]</u>	<u>Y [m]</u>
2.0	6.0	3.0
2.5	7.0	4.0
2.7	7.5	4.5
3.0	8.0	5.0
3.5	9.0	6.0

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