

# E0. Smart Space Sensor with many detection variables.

From the ceiling, our new Smart Space Sensor detects, localises and counts all the people in the room. Privacy is always guaranteed. This is because the innovative passive infrared matrix sensor does not have a camera and therefore cannot identify people.

Keyword: privacy by design.

How does it work? Via a heat matrix. All existing temperatures are precisely recorded in a precisely adjustable room area of up to 35 square metres. The data obtained is analysed using intelligent software based on the latest AI algorithms. It can be used to precisely identify and locate human heat radiation.

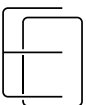
The new technology opens up a wide range of possible applications.

For example in the following areas








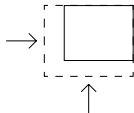








- Office space optimisation - people counting, workplace occupancy, flex-desk planning
- Real estate management - optimised use of space/buildings
- Safety & Security - Identification of dangerous heat sources
- Retail analytics - checkout rush, staff planning, optimisation of shelves and walkways
- Elderly Care - Patient Safety
- HVAC - room temperature measurement and improvement of indoor air quality and much more.



E0





 Bluetooth Mesh	 Setting via app	 Number of persons	 ID-Tracking	<p><b>Technical data</b></p> Dimensions FM ..... 103 x 103 x 49 mm Dimensions SM ..... 123 x 123 x 45 mm Sensor type..... Infrared matrix Mounting height ..... 2.50 – 3.50 m Angle of coverage ..... 360° Detection area (3m height) ..... 7 x 5m Detection matrix ..... 420 Fields Detection zones ..... max. 10 Protection class..... IP20 Sensor values ..... Movement, Presence, ..... EO-People Counting ..... Localisation, Brightness, ..... Temperature, Air Humidity <p><b>Order details</b></p> <p><b>DALI-2 IPD</b></p> Flush-mounted white..... 4007841 090081 Surface-mounted white..... 4007841 090098 <p><b>IP</b></p> Flush-mounted white ..... 4007841 091064 Flush-mounted black ..... 4007841 091088 Surface-mounted white..... 4007841 091071 Surface-mounted black ..... 4007841 091095 <p><b>KNX</b></p> Flush-mounted white ..... 4007841 091101 Flush-mounted black ..... 4007841 091125 Surface-mounted white ..... 4007841 091118 Surface-mounted black ..... 4007841 091132
 Zoning	 Localisation	 Traffic	 Fencing	
 Brightness	 Temperature	 Air Humidity	 max. 3.50m	
 360°	 7x5m at 3m height	 Movement	 Presence	