



**LCIE SUD EST**  
Laboratoire de Moirans  
Z.I. Centr'Alp  
170, Rue de Chatagnon  
38430 MOIRANS - FRANCE

## GENERAL INFORMATION

FCCID: 2ASLE-PSHW001

### 1.1. Product description



### HUMAN ACTIVITY SENSORS FOR SMART BUILDINGS

PEOPLE SENSE™ is a connected sensor for smart buildings, dedicated to delivering **advanced data** about human activity. Our products use infrared technology and are **anonymous by design** and easy-to-use (plug & play device in ceiling mount, simple configuration).

Our connected sensors offer an **unparalleled price-performance ratio** by providing **accurate data** about **people presence or absence, counting, location and trajectories**. These data open the way to many applications for tomorrow's building including smart office, retail and industry.

Solutions include building automation, energy savings, occupancy analytics and space management.

### MAIN ADVANTAGES:

ADVANCED  
DATA

ANONYMOUS  
BY  
DESIGN

ACCURATE

FEATURE / PRICE  
RATIO



OCCUPANCY  
ANALYTICS



BUILDING  
AUTOMATION



SPACE  
MANAGEMENT



FLEX DESKING



MEETING ROOM  
MANAGEMENT



QUEUE  
MANAGEMENT



[www.irlynx.com](http://www.irlynx.com)

© IRLYNX 2018 - Version 1.3 - March 2018



**LCIE SUD EST**  
Laboratoire de Moirans  
Z.I. Centr'Alp  
170, Rue de Chatagnon  
38430 MOIRANS - FRANCE

## PEOPLE SENSE™

### Connected Sensors



**PEOPLE SENSE™** is a complete range of connected, human-centric sensors for Smart Buildings.

#### PEOPLE SENSE ROOM™

##### Our best-in-class sensor

PEOPLE SENSE Room™ provides accurate, advanced information about how people occupy a given area: people counting, position (x,y) and trajectory of each person in the area.

Each PEOPLE SENSE Room™ covers a square area (13m<sup>2</sup> for 2,50m ceiling height, 21m<sup>2</sup> for 3m ceiling height) and it is possible to mesh several sensors to cover wider areas.

These data allow you to address multiple applications and use cases, including building automation, energy optimisation, space management, occupancy and footfall analytics and queue management. They are also perfect for smart office applications, allowing to monitor both room and workstation occupancy, and facilitate flex desking and meeting room management.

#### PEOPLE SENSE DOOR™

##### Our super cost-effective solution for indoor people counting

PEOPLE SENSE Door™ provides a cost-effective, easy-to-install solution for people counting.

One can set up counting lines virtually anywhere (entrances halls, checkouts, or any other crossing point) and count people in any building, floor, area or room.

Several PEOPLE SENSE Door™ can be combined and provide unified, seamless people counting information in large areas bounded by several counting lines.

#### PEOPLE SENSE AVAILABLE, REQUEST ONE TODAY!

[sales@irlynx.com](mailto:sales@irlynx.com) | [www.irlynx.com](http://www.irlynx.com) | 43 ch. Du Vieux Chêne - 38 240 Meylan (FR)

#### Targeted markets:

##### BUILDING AUTOMATION



##### ENERGY SAVING



##### SMART OFFICE



##### RETAIL



##### INDUSTRY



##### SMART HOME





**LCIE SUD EST**  
Laboratoire de Moirans  
Z.I. Centr'Alp  
170, Rue de Chatagnon  
38430 MOIRANS - FRANCE

**LCIE**

## 1.2. Tested System Details

### 2. EQUIPMENT UNDER TEST: CONFIGURATION (DECLARED BY PROVIDER)

#### 2.1. INFORMATIONS

All tests are performed on the product which is the full options product.  
See below for details:

- HUB: Sn 8c28d3c8
- Sensor n°1: Sn 32002e000f447373032303434
- Sensor n°2: Sn 330027001447373032303434
- Sensor n°3: Sn 3c003d000b51373233363431
- Sensor n°4: Sn 43002c000e51373139323537

#### 2.2. HARDWARE IDENTIFICATION (EUT AND AUXILIARIES):

**Equipment under test (EUT):**  
**PEOPLESense**

**Serial Number: 8c28d3c8 / 32002e000f447373032303434**



Equipment Under Test

#### **Power supply:**

During all the tests, EUT is supplied by  $V_{nom}$ : 48VDC

For measurement with different voltage, it will be presented in test method.

| Name      | Type                                   | Rating | Reference / Sn | Comments                                  |
|-----------|----------------------------------------|--------|----------------|-------------------------------------------|
| PoE_cable | <input checked="" type="checkbox"/> DC | 48VDC  | /              | Power supply on POE ( Power Over Eternet) |



## **LCIE SUD EST**

Laboratoire de Moirans

Z.I. Centr'Alp

170, Rue de Chatagnon

38430 MOIRANS - FRANCE

**L C I E**

### **1.3. Test Methodology**

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4 or ANSI C63.10, FCC Part 15 Subpart C.

Radiated testing was performed at an antenna to EUT distance of 10 meters. During testing, all equipment's and cables were moved relative to each other in order to identify the worst case set-up.

### **1.4. Test facility**

Tests have been performed: **December 6, 2018 to December 7, 2018**

This test facility has been fully described in a report and accepted by FCC as compliant with the radiated and AC line conducted test site criteria in ANSI C63.4 and ANSI C63.10.

This test facility has also been accredited by COFRAC (French accreditation authority for European Union test lab accreditation organization) according to NF EN ISO/IEC 17025, as compliant with test site criteria and competence in 47 CFR Part 15/ANSI C63.4 and EN55022/CISPR22 norms for 89/336/EEC European EMC Directive application. All pertinent data for this test facility remains unchanged.