

MULTISENSOR



Multi-sensor is an advanced sensing box that integrates multiple sensors within a single device.

TVOC detection

The multi-sensor is able to detect tVOC - Volatile Organic Compounds, which include many different chemical compounds. They are characterized by a high level of volatility and can, therefore, pollute the air. For this reason, it is necessary to ensure adequate ventilation on a daily basis.

Smoke detection

The multi-sensor detects smoke through infrared sensors. In this way it is possible to immediately report potentially dangerous situations both for the individual and the environment.

Presence detection

It detects motion and presence through a PIR motion sensor. The lack of movement for 12 consecutive hours causes the alarm. In order to serve its purpose correctly, the sensor must be installed either at a crossing point or in the area where the individual usually stays.

* WHO has established a threshold value for tVOC of max. $3\text{mg}/\text{m}^3$, above which indoor air quality is highly unhealthy.



This device alone makes it possible to implement Myosos with new monitoring features, increasing the level of safety concerning both the patient and the environment.

The box is small and easy to be wall-mounted.

It is power-sourced through a Micro-USB port.



The multi-sensor can be connected to the **Myosos** device through WIFI connection. The **Urmnet Care Tech app** makes its programming simple and “one click”.

Technical features

Product Code	1-3865
Power Source	5VDC - power supply included
Case	10x10x4,2 cm
Radio communication	Wifi 2.4 GHz IEEE 802. 11b/g/n
Measures	Presence (Passive Infrared Sensor, range 82° - 8m), Air Quality - tVOC (160 ppb : 10000ppb) Smoke detection (Infra-red LED)
Integration	Myosos DOMO (PA148) Myosos MED (PA142)
Sensor life	5 years



Motion



Air quality



Smoke