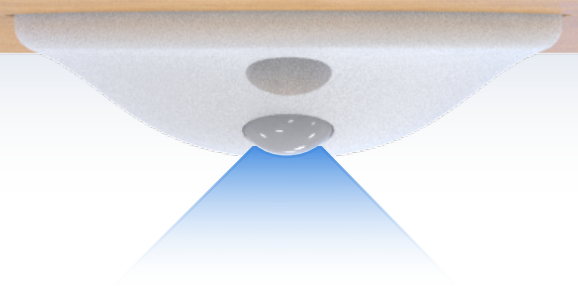
floorsense
Making Sense of Workspace Utilisation



Module Key Features

Silently monitoring workspace utilisation and reporting back to a realtime client web dashboard - floorsense delivers powerful analytics on space utilisation to facilities managers and workspace planners.

- Unobtrusive underdesk wireless sensor
- Ultra low power consumption - runs from a 3.6 volt Li-$SOCl_2$ battery. for a life span of 5+ years
- High performance self-healing mesh network using Smart Building IOT radio frequencies (doesn't conflict with existing WIFI networks)
- Simple installation using screwdriver and Android commissioning App
- Suits new fit-outs or in-situ retrofits of existing offices
- Reliable operation and minimal false positives via intelligent detection algorithm
- Low cost all inclusive pricing - No IT project required
- Combine with floorsight top-of-desk module for a complete desk reservations and utilisation tracking solution

Product Specifications

Performance:

Angle of Detection:	42° x 180°
Maximum Range (Direct line of sight):	3m (9ft)
Operating Voltage:	3.3-5V

Environmental

Operating Temperature Range:	5 - 40°C
Storage Temperature Range:	-15 - 70°C
Humidity:	0 to 95% relative humidity, (non-condensing)
ESD:	±15kV Air and ±8kV Contact
Environmental Sealing:	IP32 standards for moisture and particle intrusion
Drop:	Withstands multiple 1 m (3 ft) drops to concrete

Connectivity Options

Backhaul Wireless Network:	915MHz or 2.4GHz Thread (6LoWPAN, IPv6)
Management Network:	LAN Connection to Thread IPv6 network provided by floorsense controller/gateway (sold seperately). 1 controller required per 250 floorsense devices
Physical*:	3.5mm Stereo

Power Options

Battery:	3.6V Li-SOCl2 Battery
Typical Battery Life:	5+ years

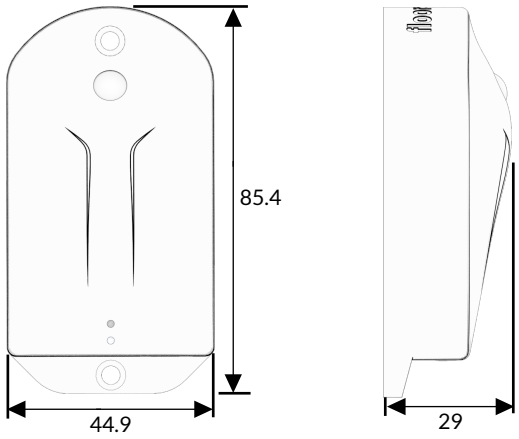
Ordering Information:	FSNSE-M-915-V2

*When coupled with floorsight desk reservation system, low voltage power to floorsense module is provided via the 3.5mm.

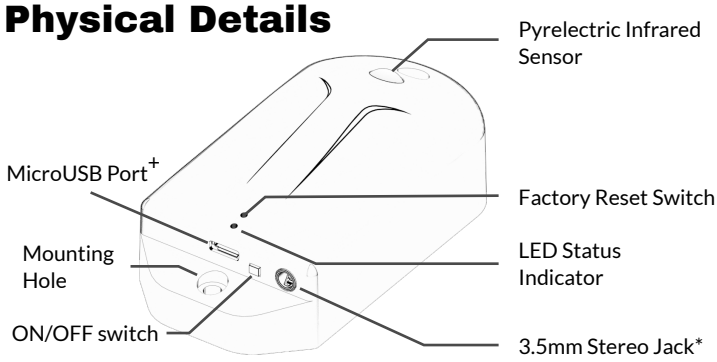
Warranty

Floorsense systems come with a 24 month warranty.

Physical Dimensions (mm)

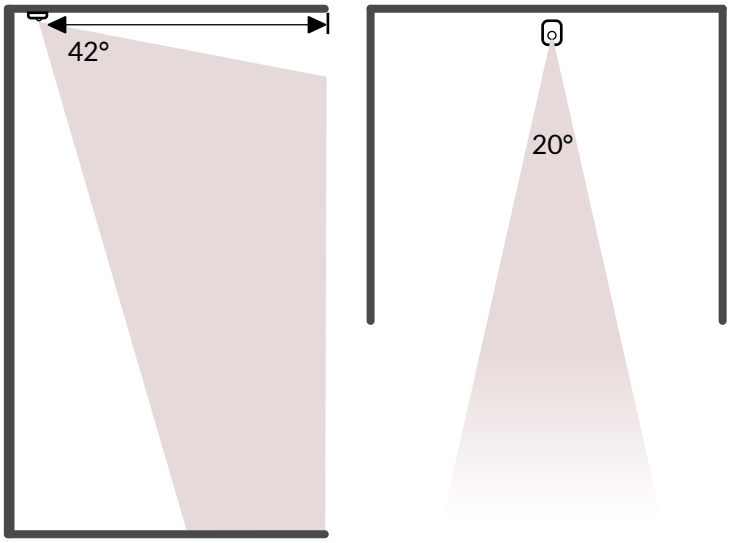


Physical Details



* Used for coupling with floorsight desk reservation systems.
+ Used for programming and providing external power (5V) When required).

Sensor Detection Detail



The range of detection is directly proportional to the height of the desk. For a desk equipped with adjustable height, the recommended distance from the front edge of the desk to the front of the module is 300mm. See Floorsen.se/support for more information.

Reseller Contract