

FootfallCam

Space Sense™

Product Code: FC-FAC25

FootfallCam Product

Smart Sensor



Key Features

- Easy to Install, Integrate and Maintain
- Real-time Processing Data
- Water and Dust Resistance
- Wired or wire-free installation
- Track the Live Occupancy and Availability of the Seats in Different Environment such as Office rooms, desk, washroom, and Bus
- Advanced Battery Saving Design, Lower Power Consumption
- Sensed data is transmitted to FootfallCam Analytic Manager Software to compute live dashboard and Management Report.
- 1-year Manufacturer Warranty

FootfallCam Space Sense™ is a passive infrared sensor (PIR) that calculates desk, room and seat occupancy. The sensor will be installed under the desk and will detect any movement under the desk to determine if the desk is occupied. One receiver can communicate up to 40 sensors within 20 metres unobstructed radius.

Basic Functions

1. **Measure the Seat / Desk Occupancy and Utilisation.** Mounted under the desk to detect the occupancy of the desk. Mounted behind the seats to detect the occupancy of the row behind the seat, suitable for auditorium or row-based seat facility.
2. **Measure the Washroom Cubicle Occupancy.** Mounted on the ceiling of the washroom cubicle to determine whether it is occupied or not by displaying the occupancy level on the dashboard monitor.

How does it work?

FootfallCam Space Sense™ uses passive infrared (PIR) technology to detect the movement and body heat which is an accurate detection of a person's presence in a particular spot, such as office seats and bus seats. The sensors are usually mounted under desks or above the bus seat, for easy fixing and removal. Once it is installed, the Seat Sensor will send the collected data (occupancy logs) to FootfallCam Analytics Manager V8 via FootfallCam People Counter as the transmitter. Multiple sensors are used with their own algorithm to detect in order to avoid false positives.



FootfallCam Space Sense™

DIMENSION

Device	82.33mm (W) x 18.4mm (D) x 33.73mm (H)
Packing	120mm (W) x 85mm (D) x 80mm (H)

WEIGHT

150gm

SENSOR

Sensor Type	Infrared (IR)
Detection Range	Up to 2m
Chipset	Arm Cortex – M3 Processor

CASING

Colour	White
Material	ASA (Acrylonitrile Styrene Acrylate)

WARRANTY

1-year manufacturer's warranty (Warranty extension available upon request)

ORIGIN

Made in the UK.

OPERATIONS

Operating Temperature	0 to 50 °C
Application	ABS (Acrylonitrile Butadiene Styrene)
Power Input Variant	Battery powered
	DC 12V
Battery Life Time	Up to 4 years (Battery life dependent on the frequency of updates)
Battery	2 x CR2450 (Replaceable)
Power Consumption	66uW
Transmission Type (between Space sense and receiver)	RF
Transmission Range	20m radius
Radio Frequency	915 - 920 Mhz
Transmit Power	12 dbm

For more information about FootfallCam Software, kindly refer to [FootfallCam Analytic Manager V9 datasheet](#)

