

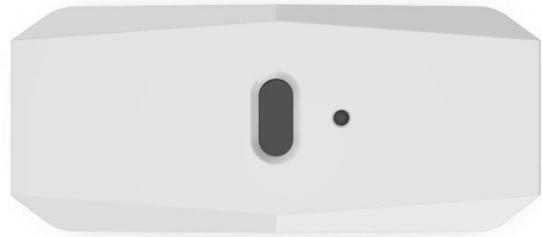
FootfallCam

Depth Sense™

Product Code: FC-FAC24

FootfallCam Product

Smart Sensor



Key Features

- ▶ Easy to Install, Integrate and Maintain
- ▶ Real-time Processing Data
- ▶ Water and Dust Resistance
- ▶ Track the Live Occupancy and Availability of the Seats in Different Environment such as Office and Bus
- ▶ Advanced Battery Saving Design, Lower Power Consumption
- ▶ Bi-directional Counting
- ▶ Most Accurate Counting with Video Proof
- ▶ Superior Processing Power – Accurate 3D Counting
- ▶ In adverse environment
- ▶ Easy to Install and Set Up
- ▶ 1-year Manufacturer Warranty

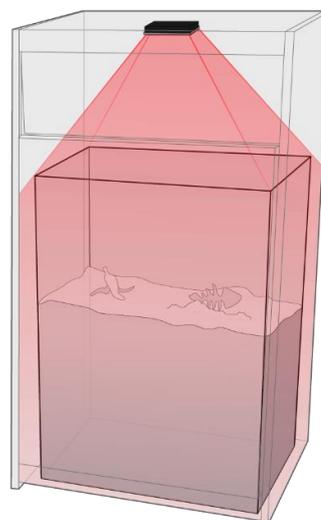
FootfallCam Depth Sense™ is an electronic device which is mounted to the lid of bins to measure the filled level inside the bins. Each device is connected to the FootfallCam people counter receivers through wireless network. The data received is transmitted to the FootfallCam Analytic Manager software for bin level computation. The analytic results are displayed on a dashboard allowing users to monitor bin remotely. The receiver can communicate up to 50 bins within 50 metres unobstructed radius.

Basic Functions

1. Measure the Fill-level of the Bin. Mounted on the inner lid of bins to measure the filled level inside the bins. Users can monitor the bin remotely when the bin is full or reached the threshold.

How it Works?

FootfallCam Space Sense™ also use Time-of-Flight (ToF) principle to detect the fill-level of each waste container. The sensor works by illuminating IR and observe the reflected light bounced off the obstructed objects. It is integrated with an analogue-to-digital convertor (ADC) and a programmable timing generator (TG) to generate data and converting them into desirable bin-filled level data. The level of the bin filled is computed by the time difference between the IR emission from the bin sensor and the returned IR received at the sensor detector.



FootfallCam Depth Sense™

DIMENSION

Device	68mm (W) x 20mm (D) x 30mm (H)
Packing	120mm (W) x 85mm (D) x 80mm (H)

WEIGHT

150 gm

SENSOR

Sensor Type	Infrared (IR)
Detection Range	10 – 200 cm
Chipset	Texas Instrument CC1310

CASING

Colour	White
Material	ABS (Acrylonitrile Butadiene Styrene)

ORIGIN

Made in the UK.

OPERATIONAL

Operating Temperature	-20 to 50 °C
Application	Applicable for both indoor and outdoor
Battery Life Time	Up to 5 years (Battery life dependent on the frequency of updates)
Battery	2 x CR2450 (Replaceable)
Power	7W
IR Frequency	868 / 915 MHz

For more information about FootfallCam software, kindly refer to [FootfallCam Analytic Manager v8 datasheet](#).

