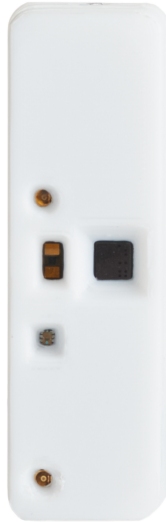


DATA SHEET

EKHO



PRESENTATION



EKHO is revolutionary multi sensor that uses a groundbreaking technology able to count precisely and in real-time how many people are in a room, thanks to powerful algorithms.

Thanks to its 4 different modes of functioning, it can also serve as a desk occupancy sensor, a hit counter, or a tank level sensor.

EKHO is a sensor developed by Smart & Connective for a better global efficiency. Indeed, 99% of the energy saving scenarios are based on room occupancy.

With EKHO, no need to see to know your occupancy; this is an unobtrusive device, without camera.

This product can work as a standalone sensor or be integrated in the complete S&C solution by being paired to an automation.

Several EKHO sensors can work simultaneously in the same room and aggregate their data to monitor multiple access.

SPECIFICATIONS

- Proximity sensor for desk occupancy
- Hit Frequency
 - Soap or hydro-alcoholic gel
- Motion/Occupancy sensor to count people in a room
- Tank level sensor
 - Paper
 - Trash bins
 - Coffee beans tank or other consumables
- Can operate as a standalone or connected to an automation
- Dedicated android application for standalone product
- Integrated auto calibration
- No camera
- Can be connected to external push button and LED (optional) for enhanced maintenance operation

Dimension	70 mm (l) x 20 mm (L) x 23 mm (h)
Housing	ABS Plastic
Power	5V Micro USB power cable / AA Battery
Battery lifetime	Up to 36 months
Operating range (°C)	-20°C à 60°C
Radio Protocol	ZigBee (IEEE 802.15.4) / BLE 5.0
Communications	ZigBee, Bluetooth Low Energy
Range of Zigbee network	Up to 30m (indoor Range) / Up to 100m with repeater
Warranty	2-years standard
Regulatory Compliance	Safety : UL EMC : CE RoHs