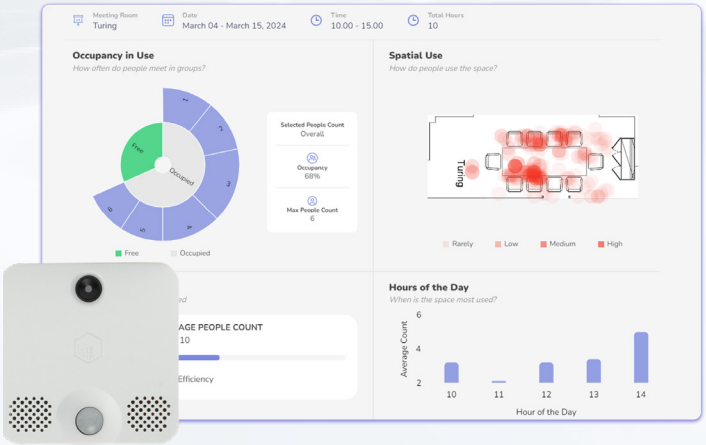
TIM sensor

Unlocking the right meeting room configuration.

The TIM sensor is non-optical and uses thermal imaging technology to capture meeting room/collaboration area occupancy and utilisation data. The sensor is non-intrusive, ceiling-mounted and has **95% accuracy**. This enables real-estate and workplace managers to reconfigure and right size their meeting room space, maximise meeting room availability and make a positive impact on reducing energy consumption.



Benefits.

Organisational benefits:

- Optimising meeting room design and usage
- Reduced energy and operational costs
- Compliance with organisational policies

Employee benefits:

- Eliminating frustrations associated with booked and unused spaces
- Improved configurations based on employee needs
- Live booking status to improve employee productivity

Optimisation & room configuration.

The TIM data is updated in real-time in our analytics portal. This enables a granular insight into occupancy (i.e., number of people in the room at each point throughout the day, maximum and average occupancy) and utilisation (i.e., where people sit) so that rooms can be reconfigured based on actual usage (i.e., converting a 10-person room into two 5-person room). This improves space optimisation and increases the opportunity for employees to select the right room for their needs.

Room booking & panel integration.

Eliminate a key employee frustration where unoccupied meeting rooms are booked and show as unavailable. The TIM sensor detects occupancy which can be used to drive auto check-in, room release (if unoccupied for an agreed period of time) and trigger a new meeting through our proven meeting room booking system integration. This set-up can be configured around individual organisational policies and ensure a better and fairer meeting room utilisation. Additionally, TIM can seamlessly integrate with digital panels to provide a live status of a meeting room or collaboration space.

Sustainability & reducing carbon footprint.

The TIM sensor will detect occupancy in the meeting room, and this can be integrated to control the building management system. This enables organisations to reduce energy consumption and operational costs associated with heating and air conditioning systems. The sensor also has optional light and noise measurement capabilities that positively impact the creation of a healthy and safe workplace environment.

Technical data sheet.

TIM sensor

Compare our TIM sensors.

Compare and contrast our TIM sensor options to understand which best suits your business needs.

Product. Rev 18062024	 TIM (Mains)	 TIM (Battery)	 TIM (Power over Ethernet)
Part numbers	**FS02CW02 (2.4Ghz)** **FS02CB02 (2.4Ghz)** **FS03CW02 (5Ghz)** **FS03CB02 (5Ghz)**	**FS02BW02-B (2.4Ghz)** **FS02BB02-B (2.4Ghz)** **FS03BW02-B (5Ghz)** **FS03BB02-B (5Ghz)**	**FS03DW02** **FS03DB02**
Connectivity	2.4GHz/5GHz Wi-Fi	2.4GHz/5GHz Wi-Fi	RJ45 Port
Communications**	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.3af/802.3at
Power Method	Wired 5v Supply	Battery	PoE (44-57v) & PoE+ (50-57v)
Power Supply	PoE Splitter, Mains Plug	Battery Pack	PoE Based Switch or Injector
Battery Life	N/A	2 Years	N/A
Average Current Consumption	80mA		
Peak Current Consumption	500mA		
Onboard Sensors*	PIR, Thermal Imaging Module, Temperature, Humidity, Light & Noise		
Ports Used	80, 443, 993, 31314		
Security Protocol**	WPA2-PSK. RSA encryption		
Internet Protocol	IPv4		
Outbound Connections	Preassigned fixed URL		
Inbound Connections	Disallowed		
Average Latency	12 Seconds		
Mounting	Ceiling via mounting plate		
FoV	110° x 75°		
Accuracy	95%		
ABS Plastic Enclosure	65x65x26mm	65x65x36mm	86x86x33mm
Accessories	Power Supply, Ceiling Mounting Plate, Screws	Battery Pack, Ceiling Mounting Plate, Screws	Ceiling Mounting Plate, Screws
Packaging	Box of 20 (Inc Accessories) 400x400x170mm / 5KG		Box of 40 - 400x400x270mm / 10KG
Available Colours	White/Black in matte finish		
Certification	ISO27001 compliant UKCA (UK), CE (EU), FCC (US)		ISO27001 compliant UKCA (UK), CE (EU)

*Onboard sensors configured as per client requirement
**Dependant on 2.4GHz/5GHz Module, refer to 'Network Requirement' document for more info.

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