



AerSense

Precision occupancy detection sensor

AerSense

Precision occupancy detection sensor



- **AerSense** is an open access, precision, presence monitoring sensor system.
- **AerSense** sensors are coin size, and easy to install.
- **AerSense** sensors present sleek design, and blend with the environment.
- **AerSense** sensors are adaptive to the environment and can detect even motionless human, large pets or farm animals.
- **AerSense** system easily integrates with your backend system through its easy to use Restful API.

Case study

- NSW government education department was aiming to optimize the cost of facility maintenance using occupancy data.
- The AerSense sensor network system provided real-time, privacy compliant, precise, occupancy record of each monitored area.
- The precise occupancy data enabled schools and real-estate management to validate, plan and utilize the right cleaning and maintenance service contract models.
- The AerSense real-time occupancy data also enabled schools to implement smart, automated incident prevention measures. Such as alarm signals when restrooms are occupied more than a specified time.

AerSense

Precision occupancy detection sensor



AerSense sensor

Dimensions	35mm diameter 15mm height (40mm with RJ45 plug)
Mounting	Hollow ceiling insert or screw on
Sensor array	Single or Dual
Color	Mist White Brushed steel
Connectivity	Wired to the sensor hub Wireless (2-3 months battery life)

AerSense sensor hub

Dimensions	100mm x 90mm x 30mm
Power	< 5w
Input voltage	5v DC micro USB in
Ports	1 Ethernet 1 micro USB 1 micro USB power in
Sensors per hub	10
Operating temperature	0° to 50°
Operating system	Linux OpenWRT
Backend connectivity	Restful API Ethernet Built-in WiFi