

DIGITIZE YOUR FACILITY WITH ZAN'S SMART SENSORS AND AI



People
Count



Space
Utilization



Gesture
Recognition



Restroom Occupied /
Vacant indication



ZanWave

Next Generation
Occupancy
Sensor



NEW ERA TECHNOLOGY
SMART SOLUTIONS FOR
SMART FACILITIES

www.zancompute.com/occupancy-monitoring-system

What is ZanWave?

Commercial cleaning is a complex combination of tasks. IoT technologies have just scratched the surface with Smart Washroom solutions. Introducing ZanWave, a radar-based solution that not only transforms the Smart Washroom space, but provides something more comprehensive, a true Predictive Cleaning technology. This privacy-aware solution can locate people in a space, understand usage and predict cleaning needs, not just in the restrooms, but conference rooms, common areas and many more.

Our service is best suited

Airports, Commercial Buildings, Hospitals and Office Buildings.

KEY BENEFITS

- ✓ Improve User Experience
- ✓ Drive Sales in Commercial Areas
- ✓ Helps Management in Understanding Behaviour of Users

How it works?

ZanWave Sensors can be used to refer to any kind of sensing system which is used to detect motion of any object or motion of human beings. ZanWave sensors transmit signals with a wavelength which is in the millimeter range. This is considered a short wavelength in the electromagnetic spectrum and is one of the advantages of this technology.

Zan Compute provide solutions with models that combine artificial Intelligence, machine learning and NLP techniques to recommend actions.

Applications of ZanWave



 People Count



 Space Utilization



 Occupancy Detection



 Gesture Recognition

Key attributes



Privacy protection

No images created by system unlike video cameras



Harmless radio waves

Same as people screening sensors at the checkpoint in airports



Sense through false ceiling

Hidden and easily installed



Integrated into Zan's AI engine for predictive analytics

People counting is part of the optimization engine



Zan's dashboard/display provides the people count

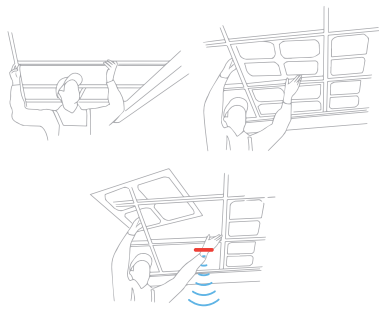
Easy to read

ZAN People Count Sensor - Technology

- ZAN People Count Sensor uses next generation technology
- Ground breaking radar system provides highly accurate position data
- Tracks people walking in and out of spaces (restrooms, conference rooms)
- Maintains privacy – no camera
- Operates in zero light environment

Installation

1)



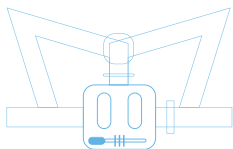
Mostly installed above the false ceiling or sheet rock

3)



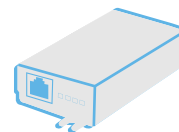
CAT5 cable run from sensor to nearest power source (likely adjacent to gateway)
Zan has expertise installing CAT5 cables for various purposes

2)



Uses camera mount holder to secure box

4)



Powered using PoE

**Real time picture
of Installed ZanWave**



Zan Provides complete solution for **SMART WASHROOM**



SWAP PLATFORM

Zan's AI solution will help optimize your janitorial process, will help save resources and materials by making the process data-driven. With just-in-time actionable recommendations, you will be able to improve the QOS as well.

The benefits of Zan's analytics and actionable recommendations

Convert to Smart Washroom with Retrofit Solution

Zan's smart sensors, with small form factors can be seamlessly and discreetly integrated into existing washroom dispensers. This converts your existing dispensers to smart ones resulting in a smart washroom. Now data can be collected about the objects that will need service and analyzed with Zan's AI based platform.

Optimize your Resources

Zan's intelligent platform will provide analytics and recommendations to do predictive cleaning with optimal resources. Savings of 15 to 30 percent in resources have been observed in various facilities with Zan's solution.

Reduce Material Costs & Wastage

Zan's intelligent platform will provide analytics and recommendations to do predictive cleaning with optimal resources. Savings of 15 to 30 percent in resources have been observed in various facilities with Zan's solution.

Improve Quality of Service

Zan's solution provides just in time alerts and actionable cleaning recommendations based on the data collected with the smart sensors and user feedback displays to determine when the cleaning is required for an area and provides ample time to plan for expected traffic. This allows the cleaning staff to take care of cleanliness issues, material requirements and also allows them to address specific issues. This improves the quality of service provided to the facility occupants.

Manage Inventory Levels

Zan's solution can provide inventory required for the janitorial processes in the facility. With its AI based predictive analytics, Zan can provide information on how the current inventory is being used and what will be required.

Partners and Clients



DIGITIZING YOUR FACILITY WITH ZAN'S SMART SENSORS AND AI

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Contact **NOW** for more information

www.zancompute.com/occupancy-monitoring-system Call: 1-866-926-2667