

SCG Wireless Monitoring



Limits unnecessary energy expenses



Reduces person hours



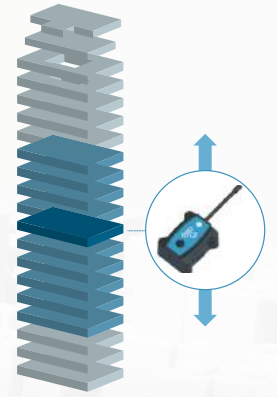
Saves more on labor costs

Your challenging building problems are solved with our technology that makes you feel as if your building has an “Ultimate Facility Management Team” assigned to monitor all the devices and machines, detect any possible anomaly in areas requiring special attention, and review additional data needed for regular analysis. All these tasks are carried out by the SCG Wireless Monitoring, a high-performance wireless sensor-transceiver equipped with Compressive Sensing and able to retrieve data stored in the Cloud System for processing. The results are then displayed to building owners or management staff anywhere and anytime.



Operation

Gateway
Receives and transfers (transceives) data between the Sensor and Cloud System



Sensor (Wireless)
Monitors activities and results in areas requiring extra attention

The sensor is compatible with a wide range of usage.



Edge-AI Sound Sensor

Edge-AI Vibration Sensor

Water Leak Sensor

Dry Contact Sensor

Motion Sensor

Temperature Sensor

Light Sensor

Temperature and Humidity Sensor

Transceiver Sensor



Specifications	
Dimension (Sensor)	66 x 55 x 36 mm
Material	ABS Plastic
IP Standard	IP45
Transceiver	ZETA
Frequency	Sub-GHz
Transmission	Not Exceeding 20 dBm*
Power Distribution	
Supply	ER14505 Battery (2 Units)
Battery	2400 mAh / Unit
Current (standby)	≤ 10 μV
Current (operational)	≤ 70 μV
Working Environment	
Working Order Temperature	(-20) - (+60) °C
Storage Temperature	(-45) - (+85) °C

Our Valued Customer



*In compliance with the requirements of the Office of the National Broadcasting and Telecommunications Commission (NBTC)



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