OMRON

2JCIE-BL01 Environment Sensor

Sense a Variety of Environmental Information

New

Small Size	Battery operable with small package (46 x 39 x 15mm), including 7 sensors
Easy to Deploy	Based on Bluetooth low energy, Sensor beacon can simplify the deployment
Secure Data Collection	Embedded memory for data logging can keep track of surrounding environments

Technology Overview

Item	Specification
Product Name	Environment Sensor 2JCIE-BL01
Power Supply	3VDC (1 lithium battery CR2032)
Sensors	Temperature, Humidity, Light, Pressure, Noise, UVI, Acceleration*3
Interface	Bluetooth low energy *1
Communication range	Approx. 10m * 2
Dimensions	Approx. 46 x 39 x 15 mm
Weight	Approx. 16g (incl. battery)

*1 The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by OMRON corporation is under license.
*2 Communication distance may vary according to obstacles between the communication equipment, radio wave conditions.
*3 Acceleration values are only provided in specific operation mode, please contact your Omron representative for information.

< Outline & sensor position >

Temperature, Humidity, Pressure, Noise,

Light, UVI, Acceleration

ImPACT
革新的研究開発推進プログラム

This work was funded by ImPACT Program of Council for Science, Technology and Innovation (Cabinet Office, Government of Japan). Program : "Innovative Cybernic System for a ZERO Intensive Nursing-care Society" (Program Manager : Yoshiyuki Sankai)

Applications

Remote Care (Infant / Elderly / Pet)

Heatstroke Prevention

Create a Comfortable Office Environment

Improvement in Work Environment

Designing a Comfortable Sleep Condition

Contact

Omron Electronic Components – Americas
2895 Greenspoint Parkway, Suite 300, Hoffman Estates, IL 60169
(847) 882-2288 | components@omron.com

©OMRON Corporation 2016   All Rights Reserved.