Vicotee AURORA XDLSN3 A Wireless Iot Sensor System Installation Guide

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Vicotee AURORA XDLSN3 A Wireless Iot Sensor System

AURORA Environmental Module

The AURORA environmental module is a wireless IoT sensor system designed for indoor smart-building applications. It is equipped to continuously monitor various environmental parameters to ensure optimal comfort and safety.

Features

- Temperature monitoring
- Humidity monitoring
- Sound peak detection
- Ambient light monitoring
- Barometric pressure monitoring
- Volatile organic compounds (VOC) detection

Application Areas

- Meeting rooms
- Classrooms
- Personalized weather station
- Well-being fitness monitoring

Connectivity

The AURORA module can be configured with NarrowBand IoT, SmartMesh IP, Sigfox, or LoRa radio mainboard for seamless integration into your existing network.

Product Specifications

- Storage Temperature Range: -40°C to +85°C (with lithium battery)
- Operating Temperature Range: Varies depending on the radio mainboard used
- Supply Voltage: Dependent on the radio mainboard used
- IP Rating: IP41

Please note that the specifications and information mentioned above are subject to change without notice.

For more details and support, please visit **Arrow.comProduct Usage Instructions**

Installation

1. Select a suitable location within the indoor space where you want to monitor the environmental conditions.
2. Ensure that the module is within the range of your chosen radio mainboard's connectivity.
3. Mount the AURORA module securely using the provided mounting hardware or adhesive tape.
4. Connect the module to the power supply, following the instructions specific to your chosen radio mainboard.

Configuration

1. Refer to the user manual or documentation provided with your specific radio mainboard to configure the network settings.
2. Follow the instructions to pair the AURORA module with your chosen radio mainboard.
3. Set up any additional settings or preferences as required.

Usage

Once installed and configured, the AURORA environmental module will continuously monitor the following parameters:

- Temperature: Displays the current temperature in Celsius or Fahrenheit.
- Humidity: Shows the current humidity level in percentage.
- Sound Peak: Detects and reports any sudden sound peaks or spikes.
- Ambient Light: Measures the intensity of light in lux units.
- Barometric Pressure: Provides real-time barometric pressure readings in millibars or inches of mercury.
- Volatile Organic Compounds (VOC): Monitors the presence of VOCs, such as formaldehyde, in the environment.

The collected data can be accessed and analyzed using the compatible software or application provided by your chosen radio mainboard manufacturer. Use the data to gain insights into the indoor environment and make informed decisions regarding comfort, safety, and well-being.

If you encounter any issues or require further assistance, please refer to the user manual or contact customer support.

ABOUT

The AURORA environmental module is designed for indoor smart-building applications. It continuously monitors temperature, humidity, sound peak, ambient light, barometric pressure and vapor from volatile organic compounds (VOC) from paints (such as formaldehyde), lacquers, paint strippers, cleaning supplies, furnishings, office equipment, glues, adhesives and alcohol.

Application Areas

- Meeting rooms
- Class rooms
- Personalized weather station
- Well-being fitness monitoring

GENERAL SPECIFICATION

PARAMETER Min Max

- Storage temperature (1) -20° C 40° C
- Operating Temperature (2) -40° C 60° C
- Supply Voltage 2.2 V 3.6 V
- IP Rating IP41

Connectivity

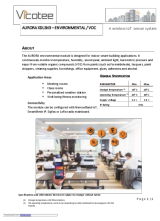
- The module can be configured with NarrowBand IoT,
- SmartMesh IP, Sigfox or LoRa radio mainboard.

Specifications and information herein are subject to change without notice.

1. Storage temperature with lithium battery.
2. The operating temperature can be lower depending on radio mainboard to be equipped with this module.

Arrow.com.

Documents / Resources

	**Vicotee AURORA XDLSN3 A Wireless Iot Sensor System** [pdf] Installation Guide AURORA XDLSN3 A Wireless Iot Sensor System, AURORA XDLSN3, A Wireless Iot Sensor System, Iot Sensor System, Sensor System