



Quick Start Guide

LoRaWAN Compliant Sensor Device

ALR-IAQ

A decorative graphic at the bottom of the page consisting of several overlapping, semi-transparent, light blue and grey geometric shapes, resembling a stylized architectural structure or a series of connected planes.

V1.1

Welcome

Thank you for ordering a LoRaWAN wireless monitoring system.

The Atal webhosting onlinesensor can be reached at:

<https://onlinesensor.nl>

Your account credentials are:

Overview

The ALR-IAQ is a stable Carbon Dioxide (CO₂) and Temperature & Humidity indoor air quality sensing device by LoRaWAN communication. It is integrated LoRa wireless technology, CO₂ Sensor knowhow and high-performance MCU solution for various IoT markets usage. With calibrated CO₂ sensor module and compensated Temperature/Humidity sensor integration, the data is ready for use. It is perfect for monitoring air quality in schools, office buildings, greenhouses, factories, hotels, hospitals, transportation lines and anywhere high levels of carbon dioxide are generated.

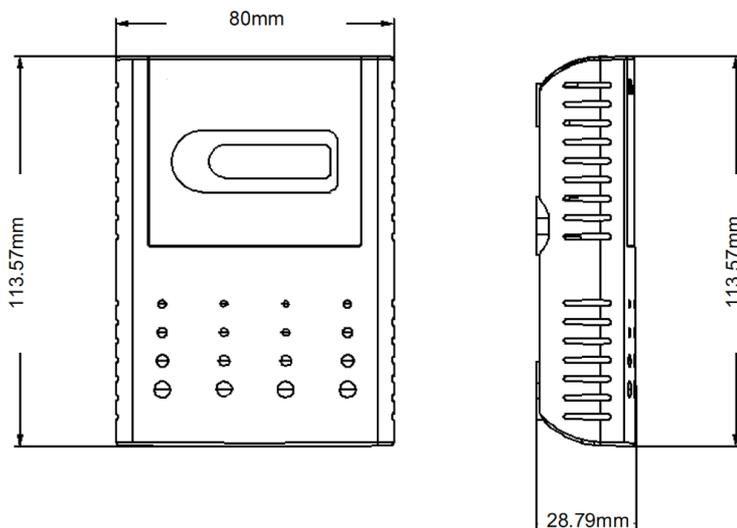
Package Check List

- ALR-IAQ *1
- Quick Start Guide *1
- Dipole Antenna *1

Product Dimensions:

- 113.57 x 80.0 x 28.79 mm (H x W x D)

Wall mount Type



Physical Introduction

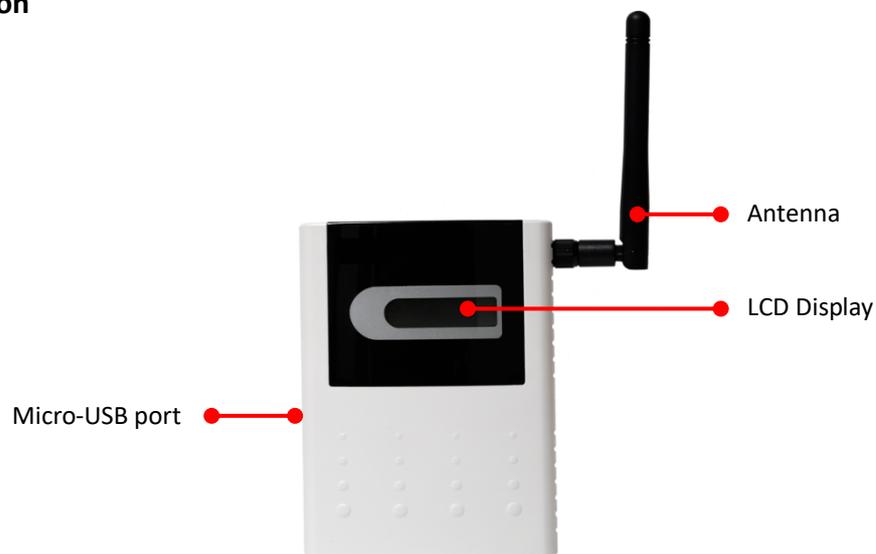


Figure 1

Open the housing

Please tenon on bottom of the housing with a screw driver to remove the upper cover. (Please refer to the Figure 2 to Figure 4)



Figure 2

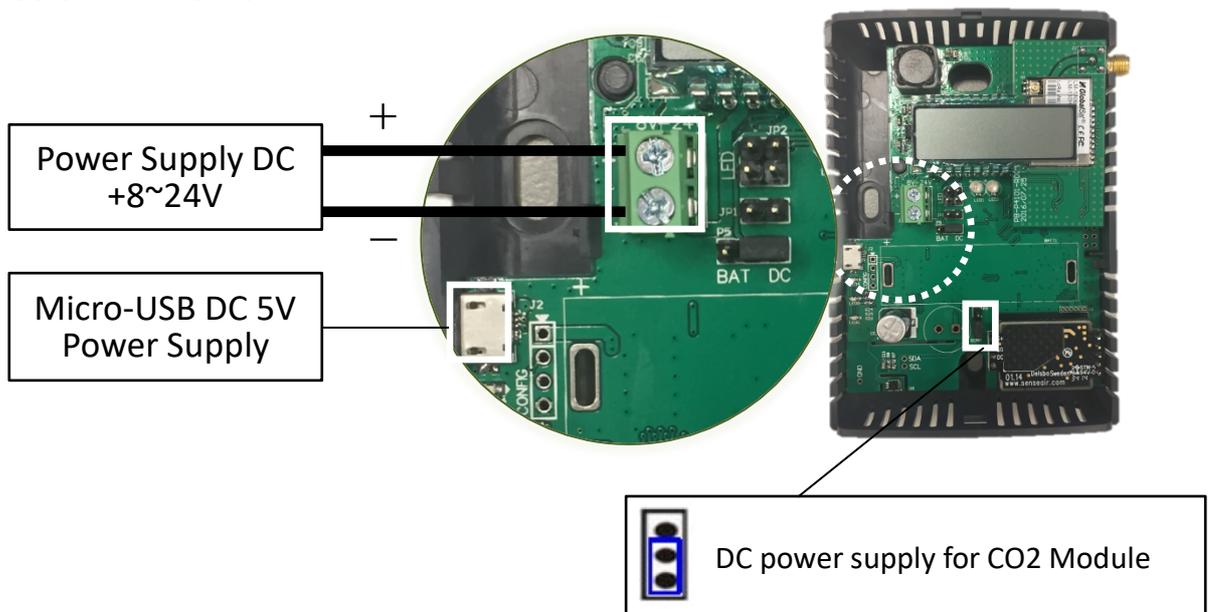


Figure 3



Figure 4

Power Supply and Jumper position for ALR-IAQ



You could choose either DC +8~24V or Micro-USB DC 5V as your power supply.

Cautions and Product Safety Information

Environment Requirements	<p>The following environment requirements apply to the ALR-IAQ Verifier:</p> <ul style="list-style-type: none">• The ALR-IAQ Verifier is for indoor use only.• The unit is evaluated for a maximum ambient temperature of 60°C (Normal operating conditions).• The ALR-IAQ Verifier is suitable for network telecommunication facilities. <p>CAUTION:</p> <p>To prevent shock. No user serviceable parts inside. Refer servicing to qualified personnel.</p>
Equipment Maintenance and Service	<p>This includes instructions to service personnel for preventive maintenance, inspection, cleaning, and replacement of parts. The ALR-IAQ Verifier contains no user-serviceable parts. If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.</p>
Preventing Electrostatic Discharge	<p>Electrostatic discharge (ESD) damage can cause complete or intermittent equipment failures. EXFO recommends that you always use an ESD-preventive wrist or ankle strap and ensure that it makes good skin contact.</p>
Airflow considerations	<p>ALR-IAQ is passively cooled. There are no fans or filters.</p>
Additional equipment information	<p>Equipment is not serviced on site.</p>