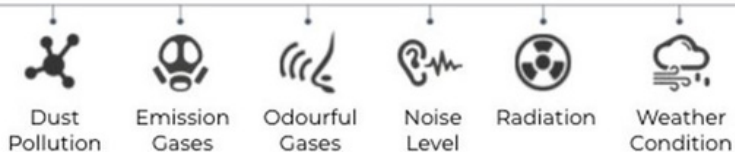




HIVE-AQ™ Dustroid Quick Installation Guide



30+ Environmental Parameters Monitoring Capability



Document Control

This electronic version is the latest revision.

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Doc No.: EEMC/GUI/003. Rev01 Date: February 2026

TITLE: HIVE-AQ™ Dustroid Installation Guide

Features of our Dust Monitoring System

Heated Inlet

Dehumidifies the sample to nullify the effect of humidity for better accuracy. (only available in Pro & Max variant)



Retrofit Design

Plug and play design for ease of implementation



Internal Storage

Internal data storage capacity of up to 8 GB or 90 days



Network Agnostic

Supports a wide range of connectivity options like GSM / GPRS / WIFI / LoRa / NB-IoT / Ethernet / Modbus/Relay/Satellite



Over-The-Air Update

Automatically upgradeable from a central server without any onsite visit



Compact

Lightweight and compact system that can be easily installed on a pole or wall



Real-Time Data

Continuous monitoring and real-time data transfer at configurable intervals



Weather Resistant (IP 66)

IP66 Grade (certified) enclosure for endurance against harsh weather conditions



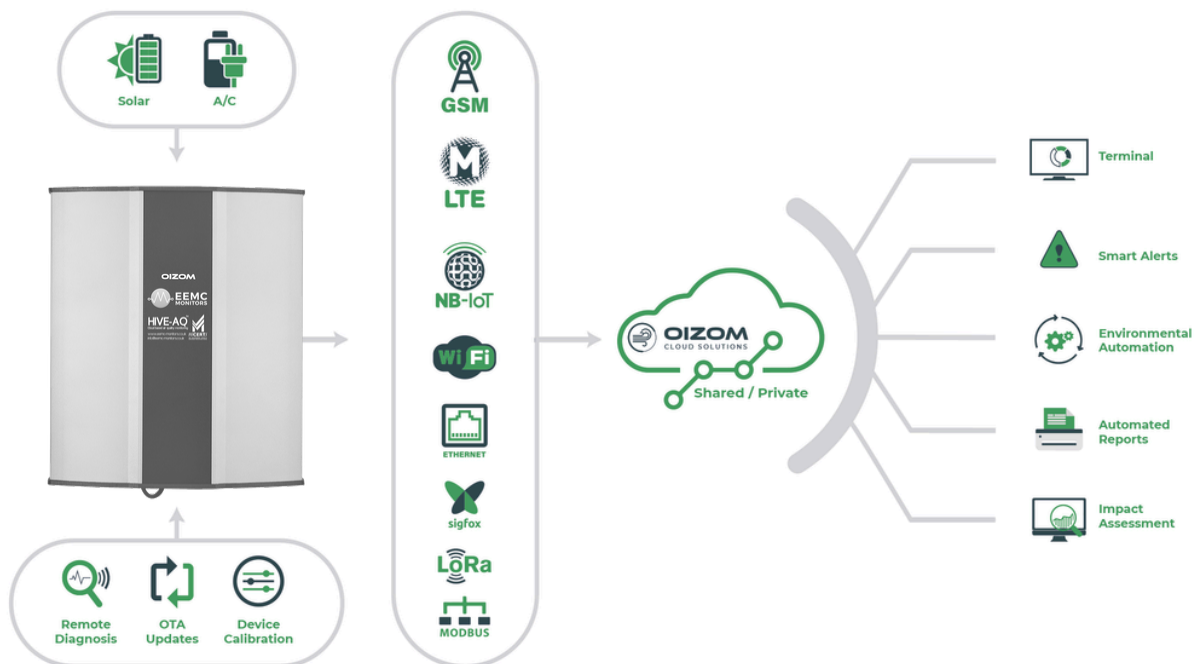
Identity And Configuration (Geo-tagging)

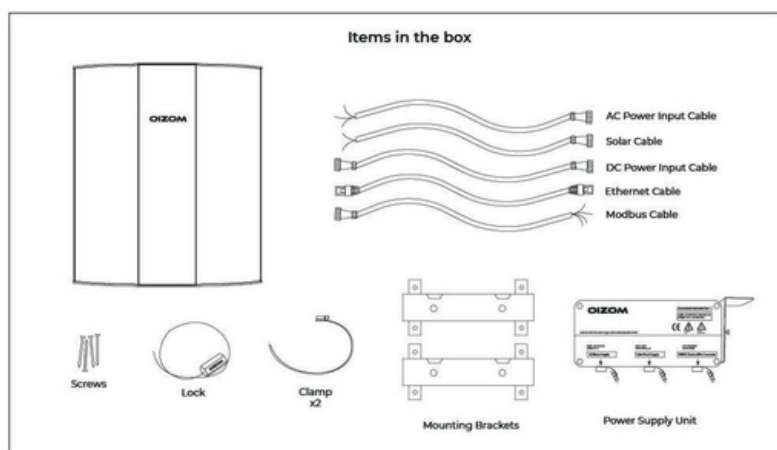
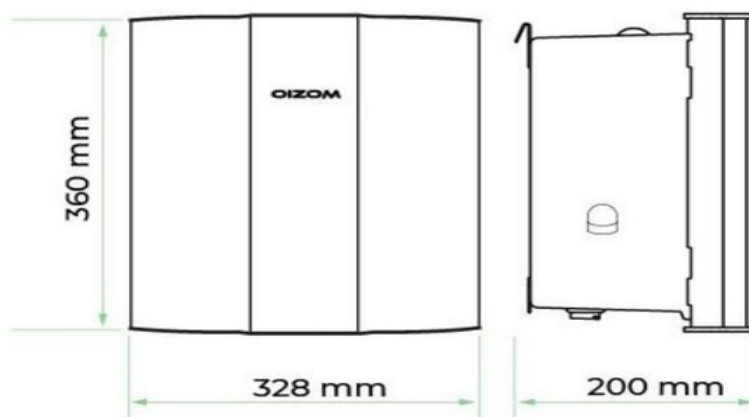
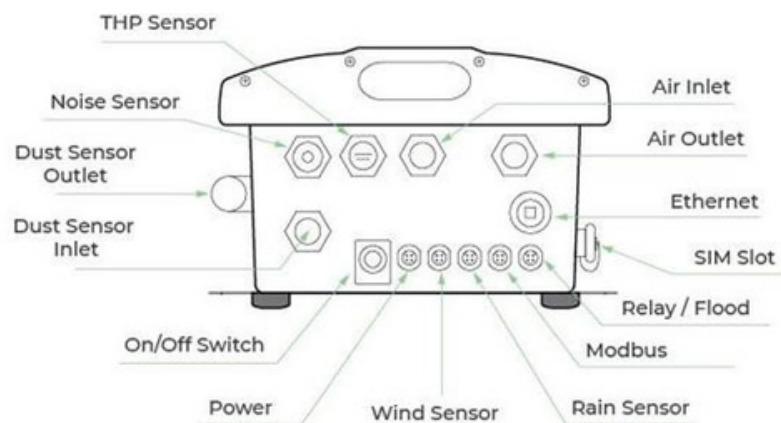
Geo-tagging allows you to get the exact location of the device, consisting of latitude and longitude coordinates



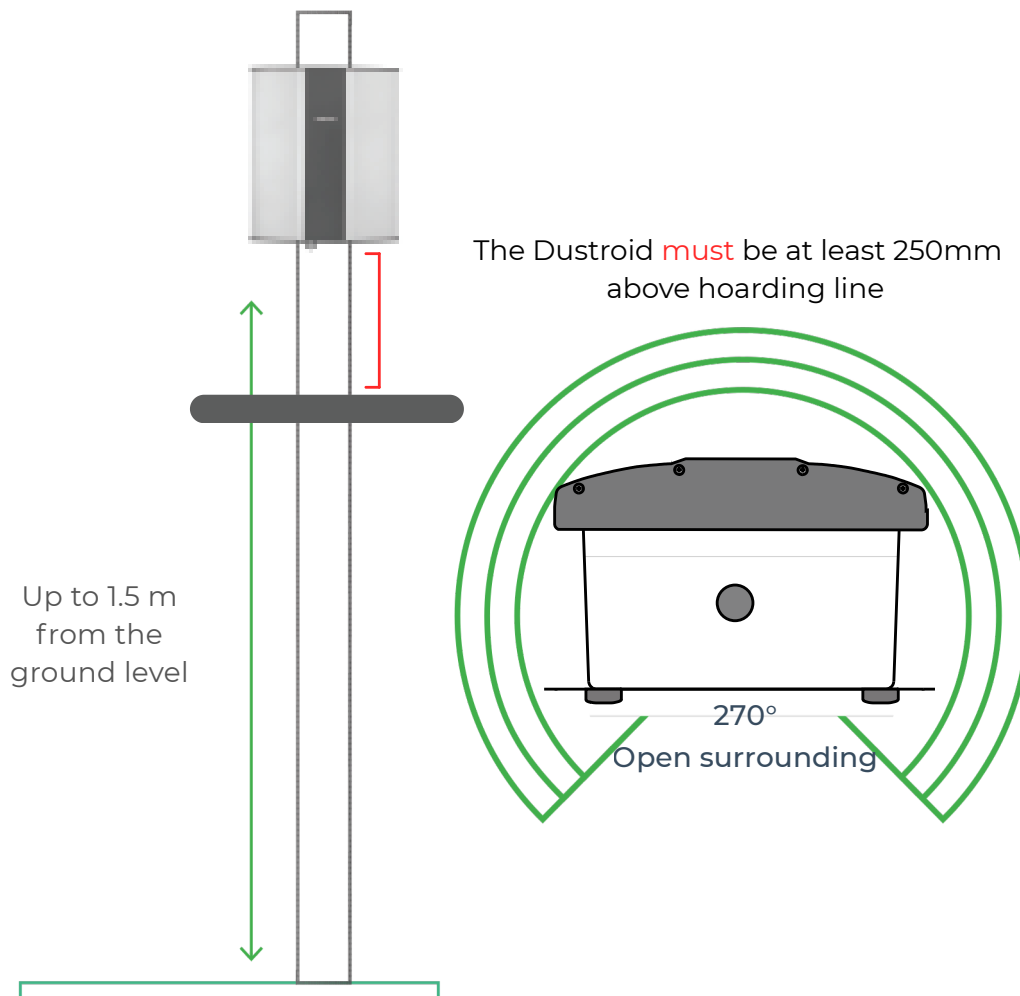
Supports High Dust Concentration

Measures up to 30000 µg/m3 dust concentration to provide accurate dust data

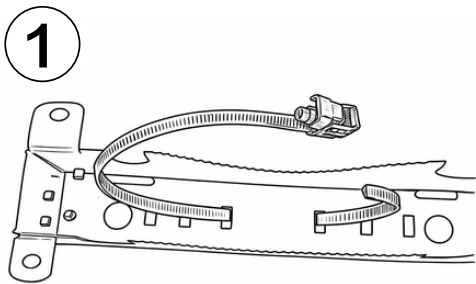




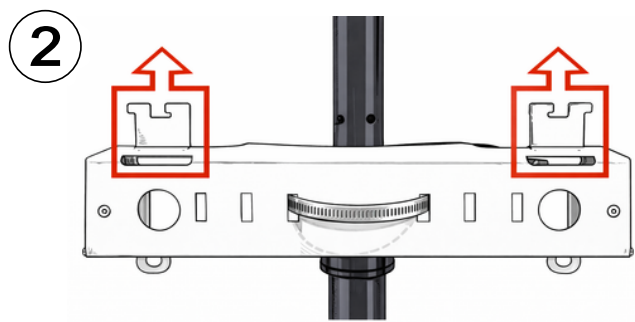
Mounting the Dustroid



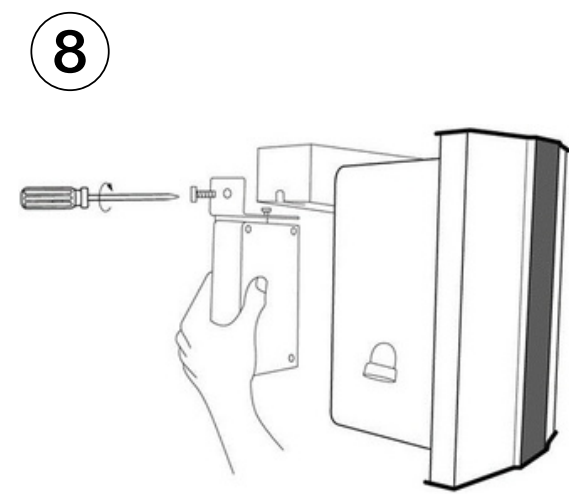
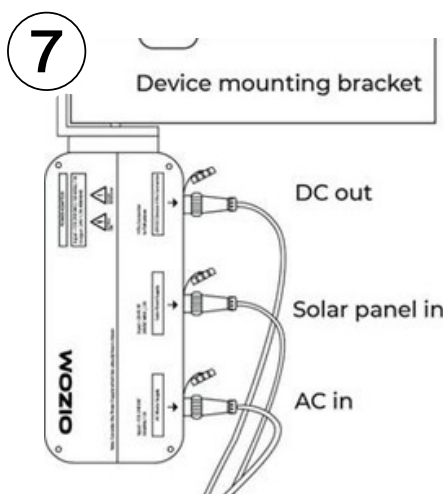
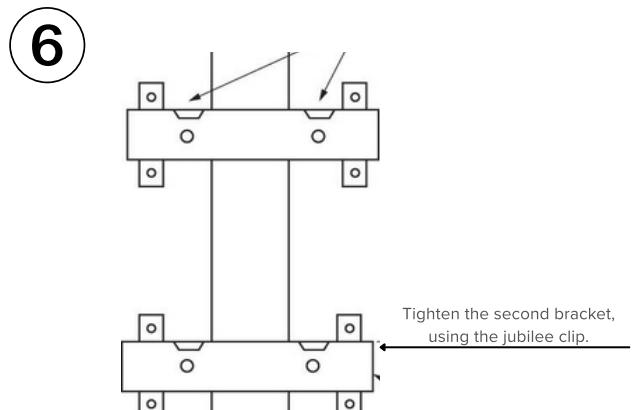
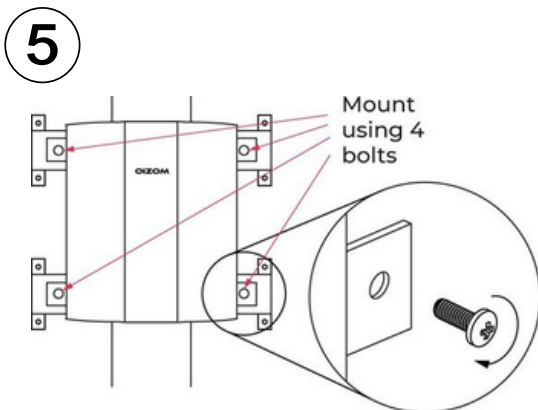
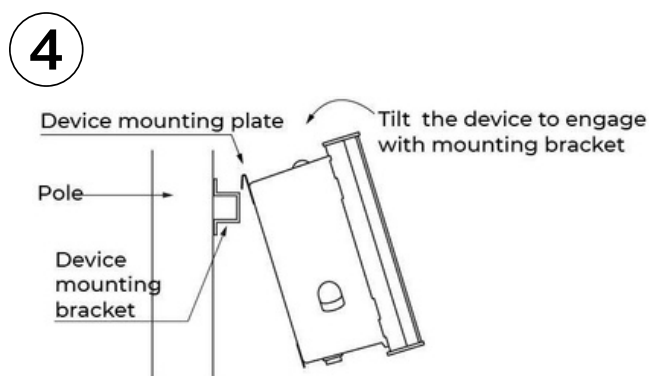
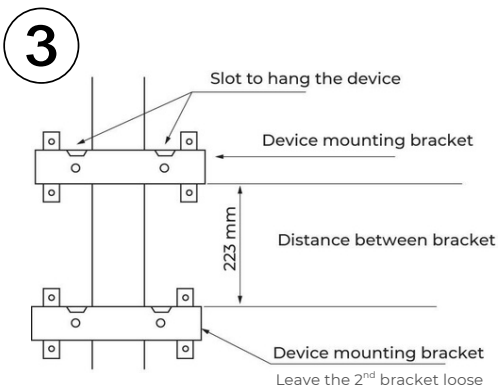
Preferred Mounting	Pole / Wall (preferably 270° open surrounding)
Installation Height	Up to 250mm above the hoarding line
Direction	As per maximum direct sunlight exposure
Power Availability	Constant AC / DC supply within a 2-meter range from the unit or solar panel
Network Availability	Uninterrupted network connection



Insert the jubilee clip into the first bracket

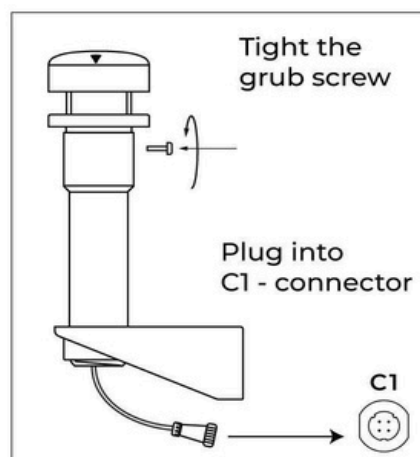
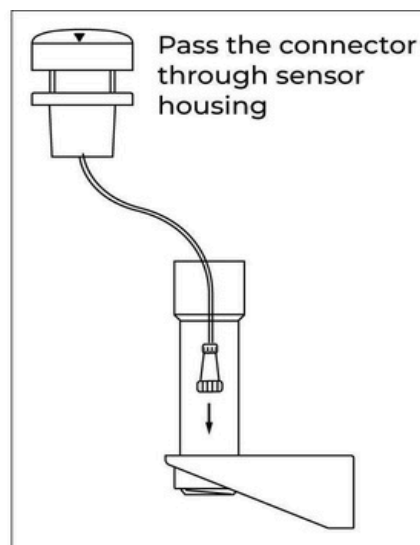
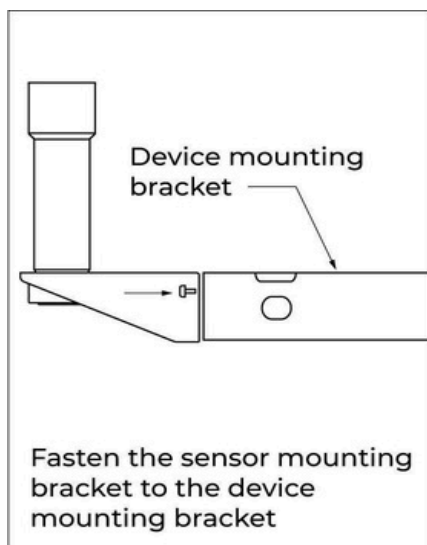


Make sure that the slots are facing upwards,.



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Mounting the Air Sensor



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Mounting the Rain Sensor

