

# The Advanced Institute for Wildlife Conservation (AIWC) is Monitoring weather conditions with Oizom

## *Our Client*

The Advanced Institute for Wildlife Conservation (AIWC) is a research institution established by the Tamil Nadu forest department to provide scientific solutions for wildlife conservation challenges. It is a government-run institution dedicated to wildlife preservation and research. Their work involves extensive field data collection and analysis, making accurate weather monitoring critical to their operations.



## *The Challenge*

The Advanced Institute for Wildlife Conservation was searching for an automatic weather station to help monitor weather conditions and how wildlife in the region adapt to climate change. The institute needed a reliable and user-friendly weather monitoring solution to track local weather conditions effectively. They required a certified, durable, scalable device that could provide real-time data to help them make informed decisions. Additionally, they wanted a system that was easy to integrate with their existing platforms and display data on their website to inform people about the weather.

### The Solution

To address the Advance Institute of Wildlife Conservation's need for a reliable, scalable, and user-friendly weather monitoring system, we offered them the Weathercom standard variant. This cutting-edge device is designed to precisely monitor various environmental parameters, making it an ideal solution for the institute's requirements. One of the standout features is its data communication device, which can seamlessly integrate with multiple data transmission technologies. This flexibility ensured the device could easily connect with the institute's existing systems without compatibility issues. The data gathered from the weather station will play a crucial role in identifying the most effective strategies to help wildlife in the region adapt to climate change. The device is built with robust material so that it can withstand harsh outdoor conditions. It is rugged and reliable, making it suitable for long-term use in wildlife conservation settings.



### Installation Details

1 Unit of  
Weathercom

### The Result

With the installation of Weathercom, the institute is now able to gather accurate and real-time weather data, which is crucial for both research and operational planning. The device measures important environmental parameters like temperature, humidity, wind speed, and more, giving them a comprehensive view of local weather conditions. They are able to collect raw weather data, which they use to create custom dashboards and widgets on their website. This has improved their ability to monitor weather conditions and enhanced their credibility by showcasing real-time weather data to their audience.

The installation has provided significant value to the institute, streamlining its data analysis processes and improving transparency. They are displaying the data using Envizom's modules, which has significantly helped the students and staff members of the institute with air quality. Students, staff members, and visitors can now view real-time data on weather conditions at the conservation site, adding a layer of professionalism and trust to their operations.

Oizom is a company specializing in environmental monitoring solutions. They offer products to monitor air quality, weather conditions, and other environmental factors. Utilizing advanced sensor technology and data analytics, Oizom aims to provide actionable insights for construction, industrial compliance, and community awareness. Their solutions can be applied in various sectors including government, industries, and community initiatives.