



Overview

The volume of precipitation can vary significantly between different locations, despite their possible geographical proximity. The multiplication of meteorological stations over short distances is not a reasonable solution to this problem. Aware of this particularity, Ambimetric offers the market a specific solution that responds optimally to this difficulty, with significant cost savings.

We have developed a udometric station that integrates a precipitation sensor and an *Efento* datalogger with NarrowBand *IoT* communication. Data is sent via the mobile network using a SIM card with a low annual cost.

The battery provides autonomy for up to 5 years of maintenance-free operation, thus saving the use of a solar panel or other power source.



Features

The station is equipped with a high-performance sensor and a datalogger:

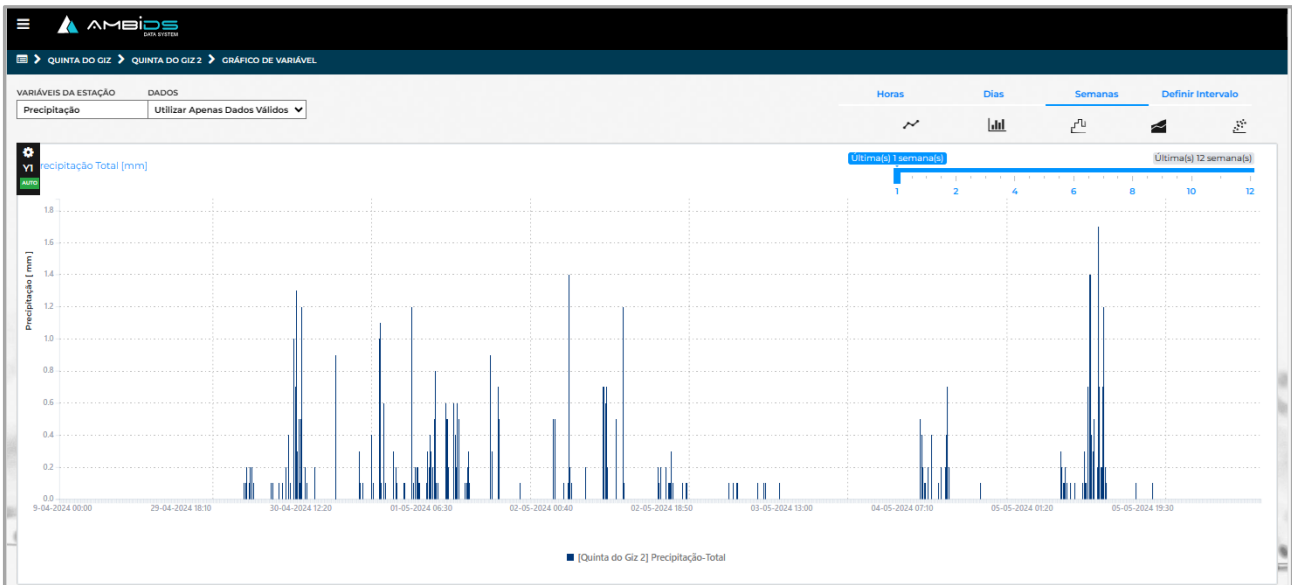
- Rain Gauge - Senseca HD2015 Delta OHM (other models available)
- Datalogger *Efento*

Highlights

- Station integrated at Ambimetric, ready to install
- Enables the use of existing udometers
- Extensive battery life (up to 5 years)
- NB-IoT telemetry
- Compatible with centralized data management system (**AmbiDS Cloud**)

AmbiDS Cloud Data Management Platform

Data can be visualised and consulted using the **AmbiDS Cloud** storage service. With internet access from anywhere, via computer or mobile phone, **AmbiDS Cloud** offers a variety of features, from graphical visualisations over configurable periods to customisable reports for export in CSV or PDF. Configure alerts and alarms for station operation and receive notifications by e-mail or SMS for efficient and proactive management.



One week of precipitation at Quinta do Giz, Baião, Douro Litoral, Portugal



For more information, please contact us:
Phone: +351 239 011 456
E-mail: info@ambimetric.pt
Web: www.ambimetric.pt

ENVIRONMENTAL MONITORING SOLUTIONS

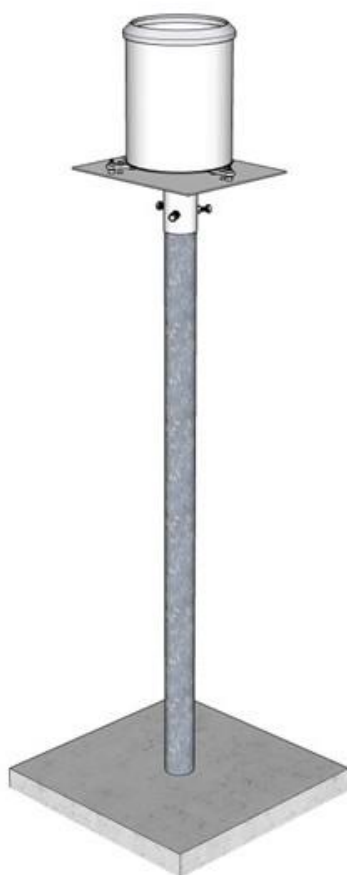
We offer a range of solutions and products for environmental monitoring.

©2024 Ambimetric, Lda



Specifications

Connectivity	Integrated Datalogger <i>Efento Wireless pulse counter</i>
Power	Pack of 3 AA batteries, 6300 mAh (up to 5 years of autonomy).
IP Rating	IP65.
Data Logging Period	From seconds to hours.
Accessibility	Web platform with access credentials, anywhere, anytime.
Monitorization	Graphic or table, grouped data.
Data Export	Information grouped into configurable and scheduled reports.
Alarm Notification	Configurable combination of logical conditions with the parameters being monitored.
Storage Capacity	40,000 measurements. Once the maximum is reached, the oldest measurements are overwritten.



Illustrative diagram of the Udometric Station



For more information, please contact us:

Phone: +351 239 011 456

E-mail: info@ambimetric.pt

Web: www.ambimetric.pt

ENVIRONMENTAL MONITORING SOLUTIONS

We offer a range of solutions and products for environmental monitoring.

©2024 Ambimetric, Lda

