

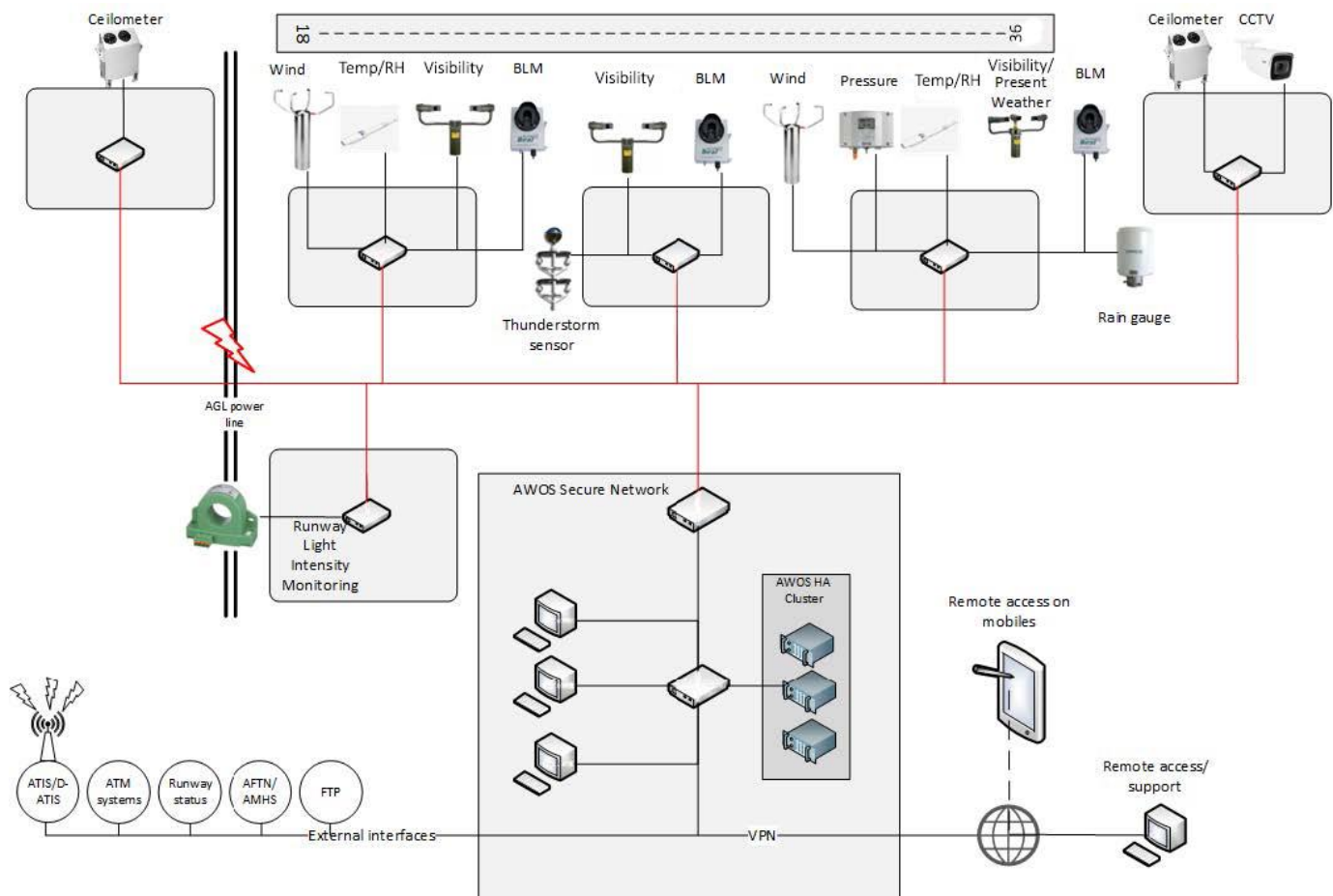


## Datasheet

# Customised Airport Weather Station

Introducing Airotec AWOS – the cutting-edge Automated Weather Observing System designed to keep airports safe and efficient, no matter the size. From small local airstrips, helipads AWOS GA to bustling international hubs, Airotec AWOS provides real-time, precise meteorological data, seamlessly presented in both text and graphics. Equipped with advanced sensors and built on a robust client-server architecture, it delivers accurate weather reports (METAR /SPECI, MET REPORT/SPECIAL) and automatic updates when critical changes in weather conditions occur. Accessible from any device through a web browser, it ensures 24/7 monitoring and data retrieval, keeping your airport prepared for any weather situation.





## The main features of the Automated Weather Observing System (AWOS) include:

Full scalability. Supports data display from a single sensor to an airport with multiple CATIII runways.

Possibility of integration with any meteorological sensor and IP camera.

Unlimited deployment options. From a single onsite server through a proper high availability cluster (3 servers) to a dedicated cloud supporting one or multiple locations.

User-friendly, browser-based interfaces with graphics, reporting tools, and maintenance monitoring offer accessible information for meteorological offices, air traffic control and airport operations staff.

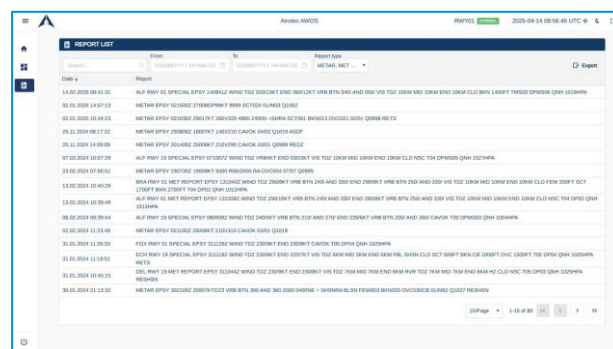
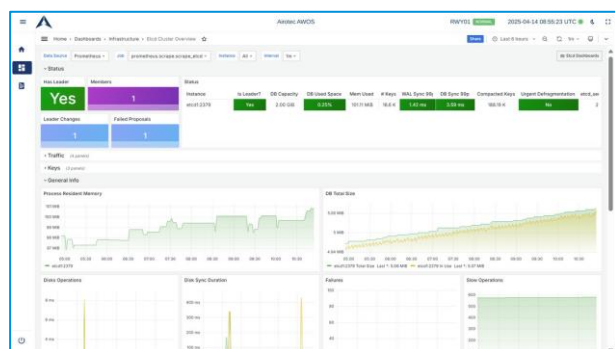
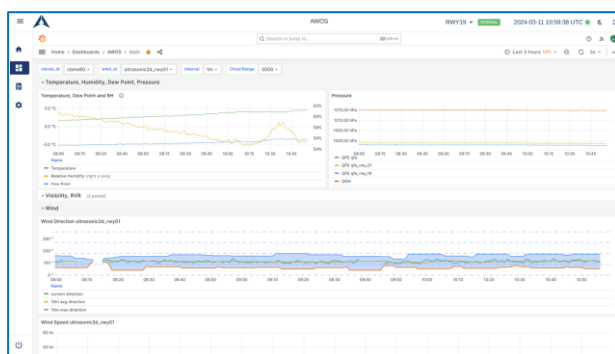
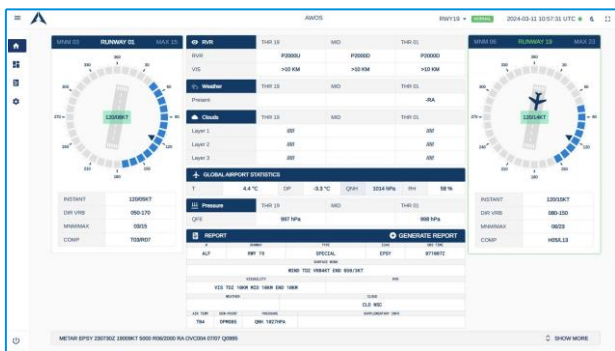
Contains a powerful statistical and analytical system. It allows you to generate any charts and tables from collected data.

Compatible with dataloggers and other data transfer methods in critical applications. Deployment on existing infrastructure is possible.

The architecture of the client application is based on a web browser. The system is easily accessible not only from a PC but also from any device equipped with a browser. Unlimited number of clients without additional license fees.

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Supports the following meteorological reports:  
AUTOMETAR, METAR, SPECIAL, MET Report.



Fully compliant with international regulations - system meets the strict standards of aeronautical weather observation and complies with international ICAO, Eurocontrol, EASA and WMO regulations.

Safety-driven design. System designed in accordance with EUROCAE ED-153 Guidelines for ANS Software Safety Assurance. Airotec maintains a safety management system and provides consulting services related to the safe implementation of AWOS systems for operational use.

Airotec AWOS is designed under the supervision of the ISO 9001 quality management system.

Easy integration with the external system like ATIS, AMHS, runway condition status system, etc.

We provide extended training and advice on hardware selection and configuration. We are guided by the principle that sensor companion equipment should be both reliable and as easy to use and configure as possible.

System designed and supported by professional meteorological specialists and aviation application experts.

## Welcome to the world of Observator

**Sustainable solutions beyond expectations. That's what sets Observator apart. The obtained ISO 9001:2015 certificate confirms our distinctiveness, as well as our core values. Retaining our competitive edge, through innovation and uncompromised support, are key to success. For everyone involved, now and in the future.**

Since 1924 Observator has evolved to be a trend-setting developer and supplier in a wide variety of industries. From instruments for meteorological and hydrological solutions, air and climate technology, to high precision mechanical production, window wipers and sunscreens for shipping and inland applications.

Despite the diversity of the industries in which we operate, we – from the Observator Group – have an integrated vision on sustainable business operations. Within our CSR program 'Blue2Green', we balance between economic, social and ecological interests and effects. By taking all stakeholders and interfaces into account, we ensure that we meet the needs of the present without compromising the capability of the future. Anywhere in the world.

Originating from the Netherlands, Observator has grown into an internationally oriented company with a worldwide distribution network and offices in Australia, Germany, the Netherlands, Poland, Singapore and the United Kingdom.



[www.observator.com](http://www.observator.com)