



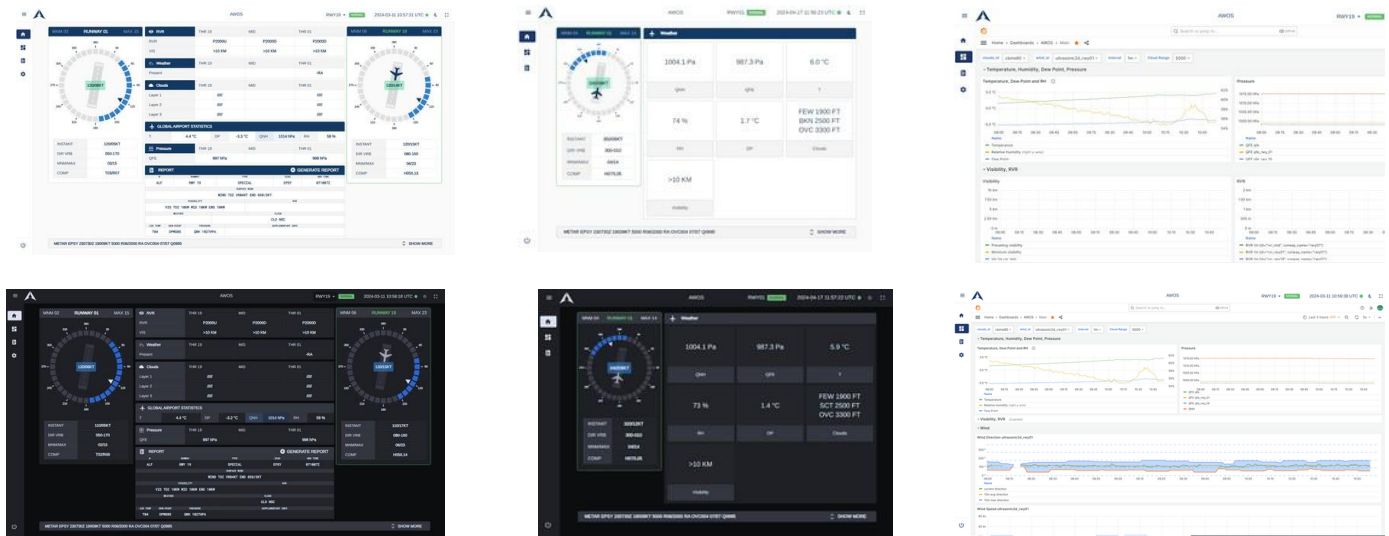
Datasheet

Customised Airport Weather Station

Introducing Airotec AWOS General Aviation – 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:



Airotec AWOS: Fully compliant - our system meets the strict standards of aeronautical weather observation and complies with international regulations such as ICAO, WMO Guides, EUROCAE, ISO.

Compatibility with any sensor. We can easily integrate with any sensor manufacturer and adapt to existing infrastructure, depending on customer preference and budget.

All types of weather reports: AUTOMETAR, METAR, SPECIAL, MET Report.

Access 24/7 from any location, via fixed or mobile internet 3G/4G/LTE.

Real-time camera view from site.

Easy access via computer, tablet or phone.

Accessibility through a web browser allows to publish weather information on the airport's website.

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.

The system can operate in the following configurations:

- Non-High Availability: One server with one or more workstations, ready to work on a cloud-based platform.
- High Availability: At least three redundant servers.

Additionally, the system undergoes continuous 24-hour remote monitoring.

Airotec AWOS is a Single Page Application (SPA) that provides users with all the functionalities of the Airotec AWOS system through a web browser. It follows a standard web architecture (server-client model), utilizing the airport's local network. The Airotec AWOS software is installed on a dedicated Airotec AWOS server and is accessible from workstations within the airport, over the Internet, and can be used on tablets or mobile devices.

Standards & Compliance:



Welcome to the world of Observator

Thanks to our integrated vision on sustainable business operations, we – from Observator – have evolved to be a trend-setting developer and supplier in a wide variety of industries.

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.



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