

Top 10 enhancements of the next-generation WindCube® Scan Airport Edition

The next generation WindCube Scan Airport Edition gives air traffic controllers, pilots, meteorological observers, and forecasters best-in-class data to understand the current wind conditions and make better operational decisions.

With its breakthrough maximum acquisition range of over 18 km, an operational measurement range of 10 km, additional new scanning modes and compact, robust design coupled with an industry-leading maintenance and servicing package, WindCube Scan Airport Edition is an unattended solution ideally suited for an airport environment.

Proficient operations



The new scanning head provides greater durability against the elements with less maintenance, resulting in lower cost and lead time.

- ① **Industry leading service package**
3 years warranty and maintenance package included as standard
- ② **Minimal maintenance**
Wearing parts are easily accessible onsite, especially the scanning head
- ③ **Robust casing and heated scanner**
Window heating to avoid frost and condensation

Sustained performance

New optical electronics provide much more flexibility and ease of use in wind measurements.

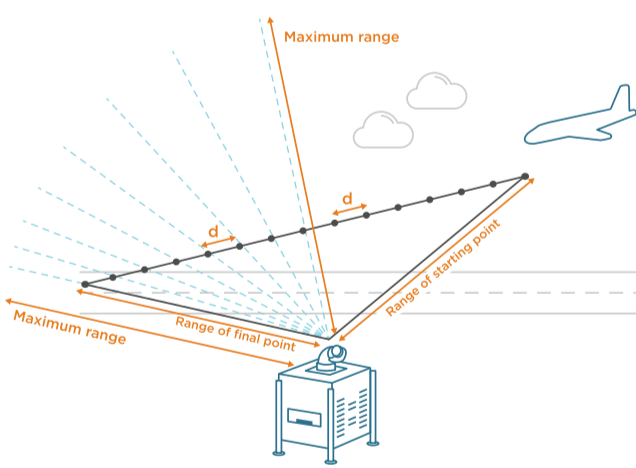
- ④ **Optimized performance**
Capture wind vortices and windshear events with one system
- ⑤ **Extended wind speed range**
-41m/s to 41m/s
- ⑥ **New scans**
Volume, Segment and Velocity Azimuth Display (VAD) scans



Seamless integration

Seamlessly integrate with Vaisala AviMet® AWOS for a comprehensive windshear detection system.

- ⑦ **API access**
For efficient remote control and data access
- ⑧ **Communications choice**
Ethernet or 4G connection



Based on customer feedback, backed by legendary support

- ⑨ **Based on real customer feedback**
The latest WindCube Scan Airport Edition is more than a set of enhancements. It is the result of Vaisala working directly with all of our customers – taking your valuable feedback and creating a solution that is truly tailored to meet aviation measurement needs.
- ⑩ **Industry leader**
With over 45 years of aviation expertise and trusted in more than 160 countries, at more than 2,000 airports worldwide.



Trusted aviation weather from cloud to ground