

NEW

WindPro

FEATURES

6 fixed beams

Range typ. 30-300 m

Weight 40 kg

Low maintenance

Low power < 50 W

Low cost

Vertical Wind Profiler

- High resolution measurements
- Cost efficient met mast replacement
- Ideally suiting for wind assessments
- 5 inclined + vertical beams
- Turbulence measurement
- Overlapping and range gate flexibility
- Wash/wipe/blow function



WindPro

A new approach for high quality wind measurements



The WindPro was developed on the expertise from the broad range of successful lidar installation with all sky scanning lidars of type StreamLine. During the last decade these lidars systems have proven reliable long term operation in all climate zones and under most severe weather conditions.

The WindPro uses most of the StreamLine concept but involves 5 fixed tilted beams and one vertical beam to derive vertical profiles of wind speed, wind direction and turbulence parameters.

This allows a very compact design and very low weight of the WindPro assuring a safe and easy handling and reducing all installation efforts. The measuring height of 300 m agl and more is an adequate response to the ongoing increase of the wind turbines hub heights and warrants a long term useability in wind energy applications.

Remote access via Etherlink/LTE Modem enables the operator to monitor online the system performance and to retrieve the wind data reliably by a data host station with a minimum of costs.

Comprehensive BITE functions and automatic alerts messages give a true picture of the ongoing measurements and enables the operator to anticipate preventive actions.

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