



The Every Day Lidar

Every day. Every hour.
Every minute. Everywhere.
Proven, robust and reliable wind
data — trusted worldwide.



ZX 300e

ZX300e

ZX 300e is a field-hardened, proven piece of equipment, trusted worldwide to operate in the toughest environments. With thousands of Lidars deployed globally and millions of hours of continuous operation, ZX 300e is the most robust, lowest-maintenance wind Lidar available today.

Proven survivability

- Deployed in deserts, tropics, mountains, offshore platforms, and Arctic winters — all with consistently very high uptime.
- As an example of a single-country fleet - in Australasia >470 years cumulative operation have been achieved with only one intervention resulting in a break in the measurement campaign and Lidar movement off site.

Long-life and low maintenance

- 5-year service interval and 5-year warranty: unrivalled in the industry.
- A simple, Continuous Wave technology which is inherently reliable, having no complex laser charging or optical switches, and no calibration or performance drift - reliable accuracy without constant adjustment.
- Low typical average maintenance cost of just £1,400 per year across the fleet.



Rugged by design

- Impact-resistant composite shell (casing): twin-skinned, rota-moulded polyethylene, fully sealed against dust and water ingress with.
- An extensive, operational and field-proven temperature range of -40°C to +50°C.
- Survives knocks, bumps and transport without additional protective casing.
- Sloped optical window sheds dirt and rain naturally with typical washer fluid use of just 25 litres per year, even in deserts.
- 50 points per measurement scan which gives redundancy in case of dirt on the window or obstructions in the scan.

Fleet-wide performance

- 99.3% system uptime across managed deployments.
- 99% of ZX Lidars built 10 years ago remain operational today.
- One Lidar typically supports up to six or more projects over its lifetime — from site prospecting to wind farm operation.

ZX 300e is built to last, not just to measure. It survives the harshest field conditions with minimal attention. With unrivalled ruggedness, lowest-in-class maintenance needs, and unmatched field history, ZX 300e provides the certainty that your measurement campaign can succeed.

Talk to us today about making ZX 300e your everyday Lidar tomorrow.

Visit us at zxlidars.com

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