

ZX300e

ZXLidars



The best has 'e'volved; it's now even better

- **ZX 300e:** an evolution of the world's most validated onshore, finance-grade, IEC-compliant, vertical-profiling wind Lidar.
- **The industry's most validated Lidar:** World-first 21-200m IEC Classification, with 0% standard uncertainty, supported by a 200m & 300m Performance Validation proof book.
- **Enhanced wind data:** New generation Continuous Wave Lidar for superior data availability, accuracy, range and wind direction sensing. Cup-equivalent Machine Learning Turbulence Intensity.
- **Reduced power consumption:** Just 44W even down to -25°C to preserve fuel and extend autonomy in remote deployments.
- **Web-Based User Interface:** a powerful new web-based local and remote user interface for ease of multi-user access, cyber security and status checking.
- **5 years warranty with a 5 year service cycle as standard:** Industry-leading and at no extra cost.
- **World-class support, globally:** ZX Trusted Service Providers for local sales, rentals, Power Supply provision, installations, campaign management and ancillaries in over 30 locations globally, ZX Trusted Technicians for in-field support, and ZX Service Centre hubs for regional Lidar servicing to reduce transport time and cost.
- **ZX Customer Care Charter:** Our promise is to support you throughout your Lidar ownership. Technical queries responded to within 24 hours, remote Lidar diagnostics, regular Care check-ins, and when you do need support on site, our ZX Trusted Technicians will be right there.

With ZX 300e, we raise the benchmark again.

Product specification

Measurement range	10m to 300m
Wind speed accuracy	0.1 m/s
Wind speed range	0.25 m/s to 80 m/s
Lidar dimensions (HxWxD)	0.9m x 0.9m x 1m
Weight	55kg
IP rating	IP 67
Temp range	-40 to +50°C (ambient)
Service requirements	5 yrs
Warranty	5 yrs
Power	44W nominal (DC)
Eye-safety	Class 1
Sampling rate	50 Hz (up to 50 measurement points per second)
Averaging rate	1 second, 10 min average, and custom

The new era of vertical profiling Lidar

ZX Lidars proudly introduces the evolution of the industry's best loved wind Lidar, reducing the through-life costs of ownership of our original technology that changed the way wind measurements were taken.

ZX 300e is the most robust, rugged and supported Lidar available. The ZX Family is truly global and we operate product in more than 100 countries world-wide. ZX 300e builds on our focus of 100% wind Lidar, our two decades of experience, and more than 15,000 Lidar deployments so that you can be confident of the world-class wind resource data this evolution represents.

