

SPIDAR VERTICAL PROFILER

COMPLETE LIDAR SOLUTIONS

Our decade-long remote sensing journey has led us to Spidar, a flexible, highly mobile Direct Detect Lidar that can lower the cost and measurement uncertainty of your campaigns.

Key Benefits:

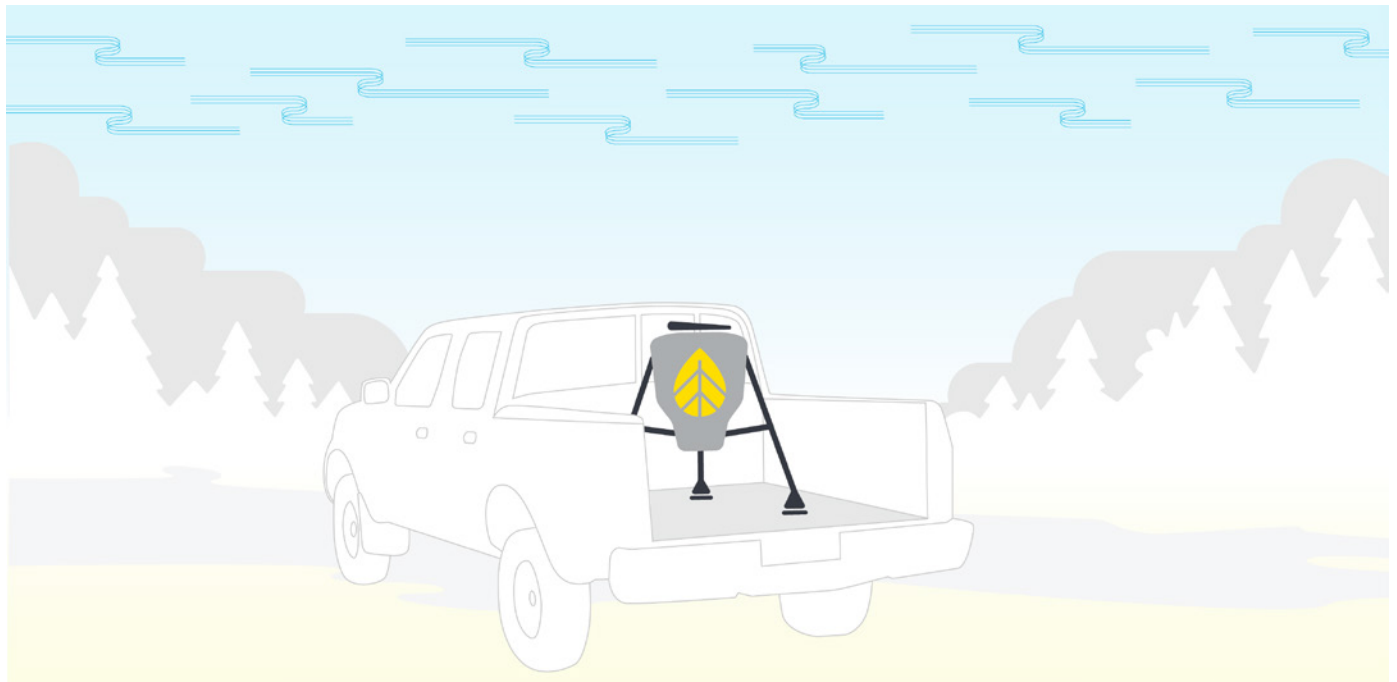
- Advantages of remote sensing at a lower cost than other Lidars and lattice towers
- Available in all regions via Global Value Added Reseller Network
- Comprehensive technical support and integrated services for all project development stages
- Turnkey installations that meet project-specific needs, including remote power supplies
- Performance verifications carried out by leading consultants



NRGSystems™

SPECIFICATIONS:

Default Measurement Height Range	30-150m
Min + Max Measurement Heights	20m, 200m
Number of Range Gates	10
Data Sampling Rate	5s
Default Data Averaging Interval	10 min
Horizontal Wind Speed Accuracy [2.5 to 10 m/s wind speed]	< ± 0.207 m/s
Wind Direction Accuracy	< $\pm 3^\circ$
Full Cone Angle	10°
Barometric Pressure Accuracy	± 0.2 hPa
Temperature Accuracy [-30 to 50°C]	± 2.0 °C
Relative Humidity Accuracy [@25°C, non-condensing]	$\pm 3\%$ (20 to 80% RH) $\pm 4\%$ (10 to 20% and 80 to 90% RH) $\pm 5\%$ (0 to 10% and 90 to 100% RH)
Power Consumption	35W (nominal)
Power Supply	24.7-32 VDC (Internal Voltage)
Spidar Weight	68.4 kg (150.8 lb)



For more information:

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 ISO 9001: 2015 Certified
 ISO 14001: 2015 Self-Certified

