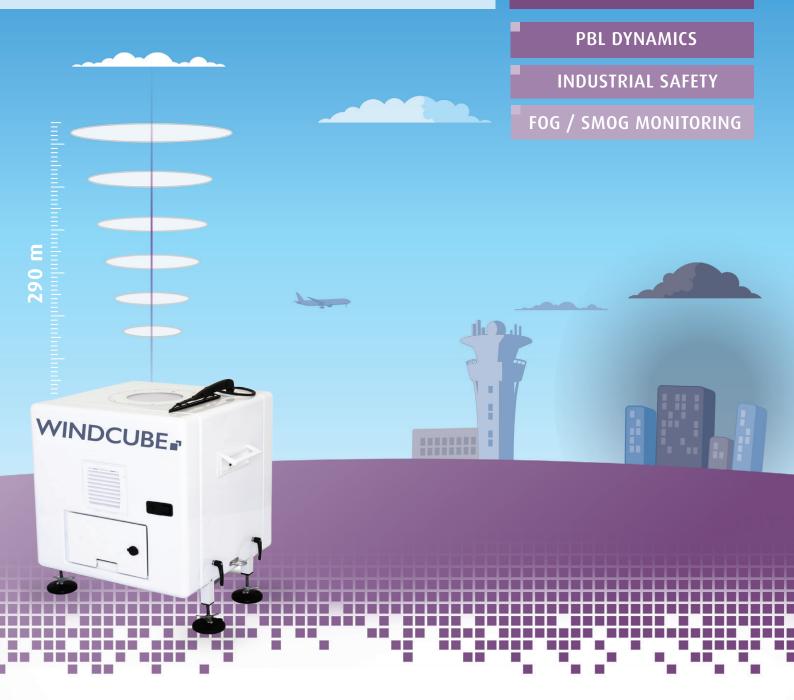


Vertical ProfilerDoppler LIDAR





PERFORMANCE	
Range	40 to 290m*
Data sampling rate	1s
Averaging time	1 min, 2 min, 5 min, 10 min (user programmable)
Number of programmable heights	12 measured simultaneously
Speed accuracy	0.1 to 0.5 m/s
Speed range	0 to +60 m/s
Direction accuracy	2°

^{*} The measurement range may depend on atmospheric conditions

HARDWARE AND ENVIRONMENTAL	
Dimensions	L-W-H : 543 x 552 x 540 mm
Weight	45 kg
Power consumption	45 W nominal
Environmental	 Temperature range -30°C to +45°C/-22°F to 108°F Operating humidity: 0 to 100% RH (non-condensing) Housing classification IP67 (for inner racks)
Safety	Class 1M IEC / EN 60825-1
Compliance	CE

SOFTWARE / DATA		
Data format	ASCII	
Data storage	SSD and compact flash (backup storage)	
Data transfer	LAN / USB / 3G	
Software features	Configuration and controlReal time displayDiagnostic	
Output data	 1s & 1/2/5/10min horizontal & vertical wind speed Min & Max Turbulence Direction SNR Quality factor (data availability) GPS coordinates 	

- Ultra-portable (45kg) 10 minute installation
- Unattended remote operation
- Unmatched reliability and data availability
- Industrial track record with over 400 units in operation

