



WindShot

IOT Wind LiDARs

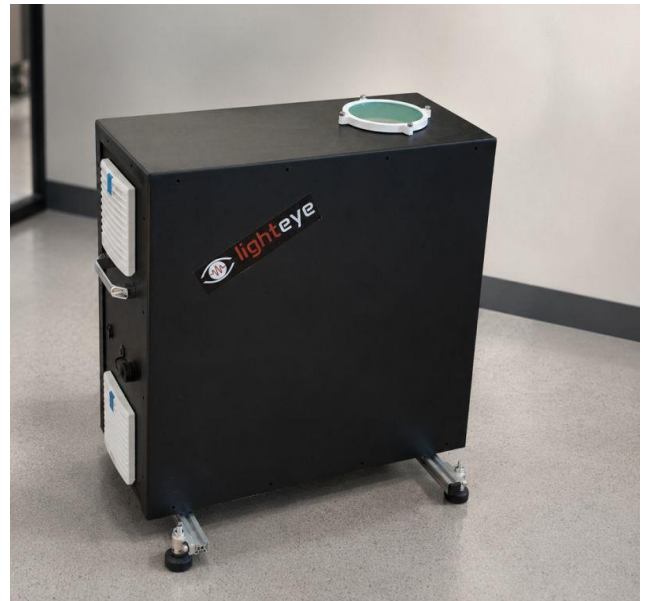
~~"LiDARs: costly and limited."~~

Not anymore.

We are bringing LiDARs to IOT -
and density to high-res forecasts

Features

- Boundary Layer Wind Data
- Worlds Cheapest High-res Vector Field
- Wind gusts, shear and turbulence



Most of meteorology happens in the boundary layer.
We are bringing high-res BL data to IOT.

***Towards a LiDAR network to
conquer the wind.***

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TECHNICAL DETAILS

LiDAR	
SPECS	VALUE
Laser	1550 nm, Class 1M (eye-safe)
Max. Altitude	2.5 km (1km @ 1s, 2.5km @ 60s)
Height Resolution	20 - 50 m (selectable)
Scan speed	0.5 Rev/s
Max. wind speed	60 m/s
Wind speed accuracy	0.2 m/s
Wind direction accuracy	3°
Interface	Ethernet, Python API
Power consumption	40 W (24 V power supply)
Weight	20 kg
Size	50 x 50 x 25 cm ³