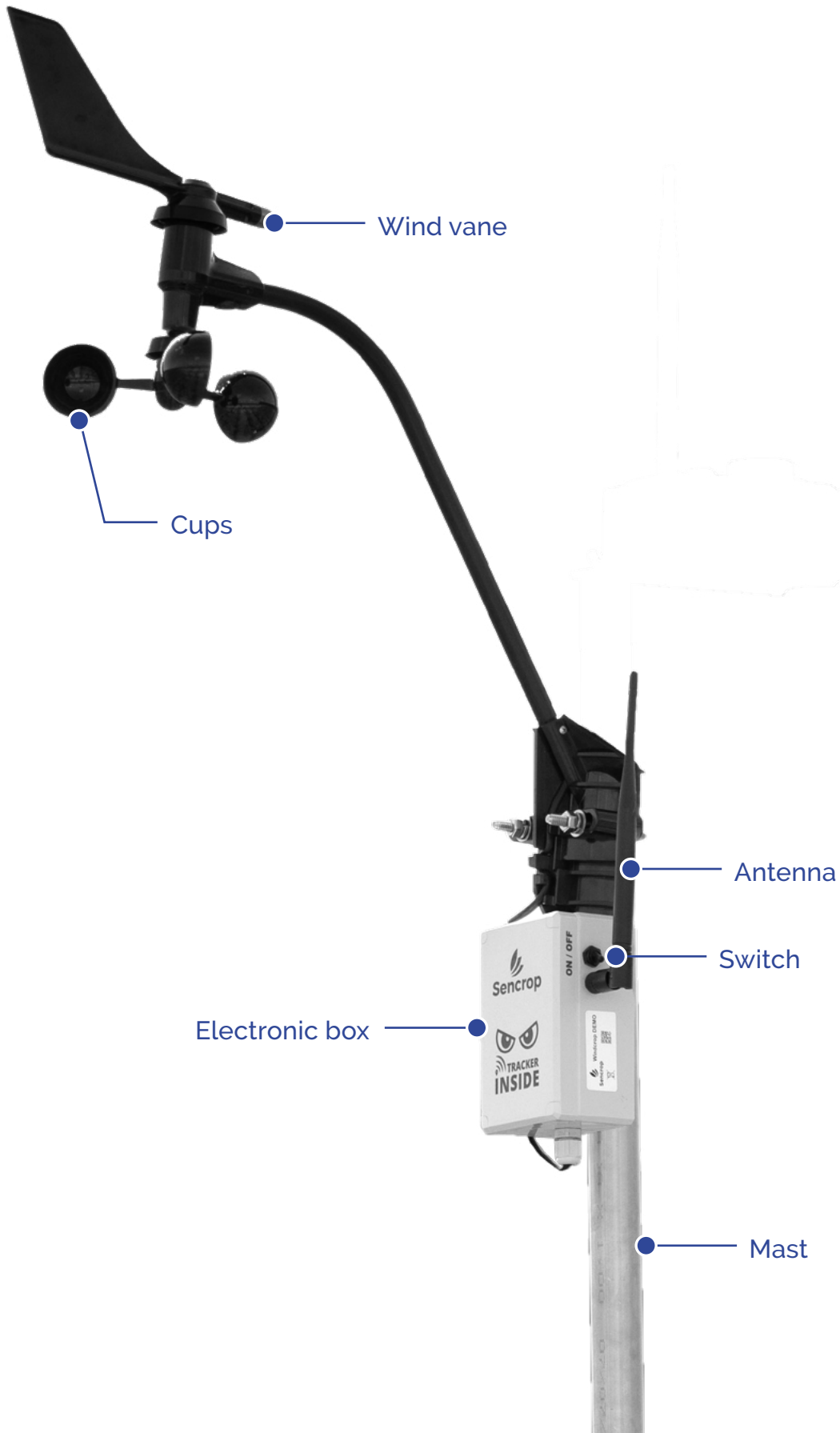


# Windcrop

The connected wind gauge



# Specifications

<b>Post</b>	
Material	Steel with polyzinc treatment
Dimensions	Length 133 cm ; diameter 25 mm
Weight	3 kg
<b>Anemometer</b>	
Operating temperature range	0 - +85 °C
<b>Wind speed (mean and gust)</b>	
Measurement range	1 - 160 km/h
Accuracy	±3 km/h or ±5 % (the highest value)
Resolution	0.5 km/h
Mechanism	Wind cups
Principle of operation	Magnetic switch
<b>Wind direction</b>	
Measurement range	0 - 359°
Accuracy	± 7°
Resolution	1°
Mechanism	Wind vane
Principle of operation	Potentiometer
Materials	Wind vane and control head : UV-resistant ABS Wind cups : polycarbonate Arm : black-anodized aluminum
<b>Accelerometer</b>	
Movement detection threshold	0.3 g
<b>GPS</b>	
Integrated	Automated geolocation
<b>Battery</b>	
Battery	Lithium-Thionyl Chloride - 3.6 V - 19 Ah
<b>Communication</b>	
Network	Sigfox (Ultra Narrow Band)
Frequency band	ISM band at 868 MHz
Data transmission period	15 minutes
Data transmission duration	6 seconds (duty cycle < 1 %)
<b>Data access</b>	
Smartphone, tablet, personal computer	app.sencrop.com

