

Feature	Dendrohawk
External features	
Range	25 mm
Body length	66 mm
Body diameter	9.4 mm
Shaft diameter	3.6 mm
Housing material	Aluminium
Shaft material	Stainless steel
Sealing	IP65
Flange diameter	30 mm
Attachment to tree	Two magnets
Standard cable length	2 m
Cable protection	Available
Internal features	
Max voltage	40 V DC
Output signal	Potentiometric
Internal contact	Multi-point steel
Resolution	Essentially infinite
Independent linearity	<0.5 %
Operating temperature	- 40 °C to +150 °C
Operational speed	10 m/s maximum
Electrical and mechanical life	> 25 million cycles
IoT hub features	
Connectivity	LTE-M / NB-IoT
Operating temperature	-30 °C to +60 °C
Cellular antenna	Internal
GPS antenna (location accuracy)	Internal (~3m CEP, 50%, GPS, Open sky)
Battery	3500mAh LiPo rechargeable battery
Input voltage	6-28V DC (max)
Housing dimensions	183 x 119 x 39 mm
Sealing	IP68
Solar Power	
Power output	9 Watt 18 V
Type	High efficiency monocrystalline cells
Proofing	UV resistant ETFE coating
Sealing	IP67
Solar panel mounting	Included (Aluminium)
Sensor Mounting	
Large tree options	Yes
Dual thread (wood/M4) screws	Included for hub and star mount
Small tree options	Yes, adaptable to a range of sizes
Material	Stainless steel
Bolts	Stainless steel M4 thread