



# LONG RANGE ANTENNA TRACKER

## TECHNICAL SPECIFICATIONS

The Long Range Antenna Tracker tracks the UAV Line-of-Sight securing the best possible connection between the Compact Ground Station and the UAV at all times. Despite its compact form factor, the Long Range Antenna Tracker reaches up to 30 km data connection (LoS), which provides long operations reach and high safety conditions

<b>DIMENSIONS</b>	<b>L x W x D</b>	<b>WEIGHT</b>
Antenna Tracker (w/std 30x30 antenna disc)	2150 mm x 649 mm x 356 mm (fully extended on tripod)	16.2 kg
Antenna Tracker (Housing)		13 kg
Antenna Disc 60x60	606 mm x 606 mm x 52 mm	5.1 kg
Battery	140 mm x 70 mm x 40 mm	0.625 kg
Tripod	Min. height: 540 mm Max. height: 1590 mm	2 kg
Complete LR Antenna Tracker system w/30x30 disc	680 mm x 690 mm x 410 mm	30.9 kg

## PERFORMANCE

Max operation time	Up to 360 min	
Max wind tolerance	12 m/s	23,3 kts
Maximum operating ambient temperature	-20 C° to +45 C°	
Battery voltage	14,8 V	
Battery capacity	10.000 mAH	
IP rating	IP54	
Transmission Range	30 km (Line of Sight) under ideal conditions (environment dependent)	
Rotation Range	360°, rotate once	
Tilt Range	-5° to +90°	

