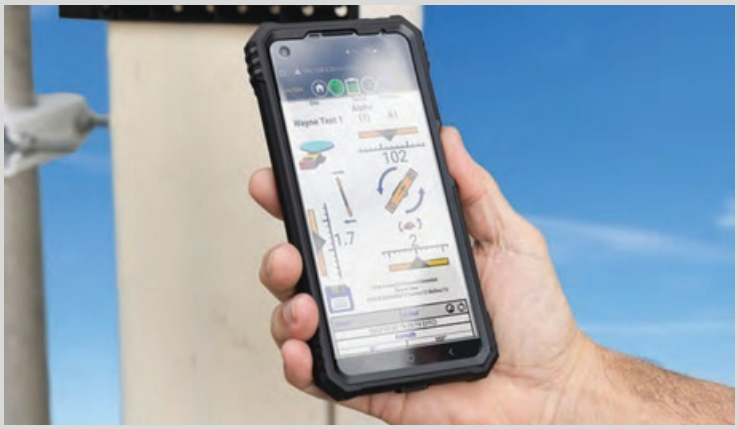
AAT Antenna Alignment Tool

Mission-Critical Antenna Alignment in High-Interference Conditions

- The most powerful GPS/GNSS positioning system for faster acquisition times
- Rapid acquisition minimizes time exposed during deployment
- Multi-constellation, multi-frequency GNSS for resilience against signal degradation
- Maintains sub-degree accuracy in high-interference environments
- USB-C cable interface allows use in high-interference environments
- Use with any Wi-Fi-enabled device – no fragile on-board screen or lens
- FREE Ability to capture on-site photos embedded into reports
- Reduced visual signature with low-reflectivity grey housing
- No calibration required—ensures readiness without maintenance cycles
- 3-year warranty standard



Updated user interface reduces training time and language barriers

Technical Specifications

Azimuth (Heading)	Accuracy (degrees)
RMS	+/- .15
R95	+/-.3
R99	+/- .5
Satellite Constellations	1408
GPS Receiver Channels	GPS L1C/A/L2P (Y)/L2C BDS B1I/B2I/B3I, GLONASS G1/G2, Galileo, E1/E5a/E5b, QZSS L1/L2
Tilt and Roll Range	+/- 22.5 degrees
Tilt and Roll Accuracy	.1 degree *
Horizontal Accuracy (ft)	<1
Vertical Accuracy - MSL (ft)	<3
Unit Dimensions	
Size	26x3x2.6"
Weight	4.8lbs.
Battery	
Type	LiFePO4
Life	10 hours
Charge Time	80 minutes
Environment and Connectivity	
Op Temp	-30°C to 60°C
Storage Temp	-30°C to 60°C
Max Humidity	~95%
Communications	Wifi, USB-C
Output	PDF, CSV, Google Earth (KML)
Environmental	IP65

Part#:	Description:
AAT (Yellow or Grey)	For directional antenna alignment; Includes AAT Unit, Side Mount, USB-C Cable, Battery Charger, and Hard Case

*.1 degree accuracy from 0 to +/- 10 degrees, .2 degrees from +/-10.1 to +/-22.5 degrees

3259 Progress Dr Orlando, FL 32826
www.sunsight.com | sales@sunsight.com |1-321-244-9443