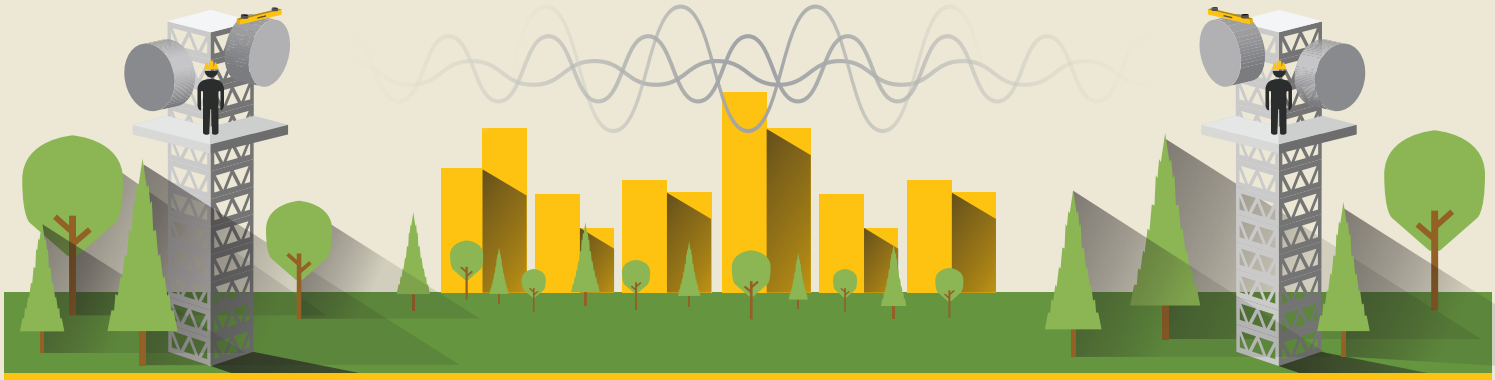
Sunsight
Alignment Solutions

Tel: +1 (321) 244-9443
sales@sunsight.com

Sunsight Microwave Path Alignment Kit

Real Time End-to-End Path Alignment System

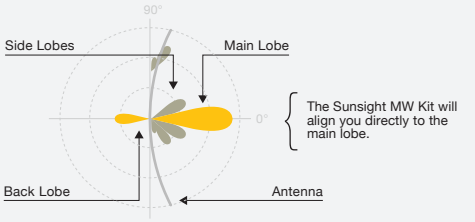
- Kit determines the required path alignment automatically, eliminating potential errors
- Frequency and distance independent, Link can be aligned with or without radios installed or powered
- Two alignment units allow for simultaneous alignment of both sides of a link in minutes
- Additional USB-C Cable interface allows MW use in RF interference environments
- Can also be used to align one end of the link at a time, eliminating the need for multiple crews
- Each unit can operate as a Directional (ex. Cellular panel antenna) alignment tool
- A new easy-to-use icon-based interface minimizes learning curves and language barriers
- 3-year warranty standard
- No annual maintenance or calibration requirement



The system automatically calculates exact alignment using known positional data in real-time and provides the user simple targets for aligning the link. No signal, power, or frequency is needed for Sunsight's innovative pathing process.

Technical Specifications

Azimuth	Accuracy
RMS	+/- .15
R95	+/- .3
R99	+/- .5 degree
GPS Receiver Channels	1408
Satellite Constellations	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	26 x 3 x 2.6”
Weight	4.5 lbs.
Battery:	
Type	LiFePo4
Life	10 hours
Charge Time	80 mins
Environment and Connectivity:	
Op Temp	-30 to +60 c
Storage Temp	-30 to +60 c
Humidity	95%
Communications	Wifi, USB-C
Output	PDF, CSV, Google Earth (KML)
Environmental	IP65



*.1 degree accuracy from 0 to +/- 10 degrees, .2 degrees from +/-10.1 to +/-A22.5 degrees

What’s Included

Part #	Description
MW Kit	Directional (ex. Cellular Panel) and Microwave Path Alignment (Includes 2 MW/AAT Units, 2 Side Mounts, 2 Universal Microwave Mounts, 2 Handheld Devices, 2 Smart Levels, 2 USB-C Cables, 2 Battery Chargers, and 2 Hard Cases)
MW Single Unit	Directional (ex. Cellular Panel) and Microwave Path Alignment (Includes MW/AAT Unit, Side Mount, Universal Microwave Mount, Handheld Device, Smart Level, USB-C Cable, Battery Charger, and Hard Case)
Flat Panel Antenna Mount	For aligning Flat Panel Antennas (ie. Radwin 5000 JET Base Station)

Designed and Manufactured in the U.S.A.

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