



RF VISION
antenna alignment tool

The World's First & Only
Antenna Alignment Tool
with Camera

by 
Innovate To Make Things Easy



Why is antenna alignment important?

During the installation of your wireless network, antenna alignment counts. Companies spend millions of dollars to plan and design wireless and microwave networks. As you plan the coverage objectives, it is critically important that your antenna alignment is accurately implemented during the installation. Otherwise, it will result in coverage gaps, network performance degradation and loss of revenue.

It is equally important that the installers are equipped with an effective and reliable antenna alignment tool. This gives you the confidence that installers performed the job as indicated on the RF design specifications.

What are the benefits?

- Reduces OPEX costs
- Guarantees field installation and RF Design match
- Maximizes voice quality & data traffic
- Improves data user throughput & KPIs
- Reduces churn
- Keeps your customers happy

Amazing Just Got Better

In 2012, 3Z disrupted the industry with the 3Z RF Aligner, the world's leading antenna alignment tool for both panel and microwave antenna systems, accurately measuring antenna Azimuth, Tilt, Roll & Height.

In keeping with that same spirit of innovation, the RF Vision Antenna Alignment Tool brings an unprecedented level of accuracy and reporting capabilities with a built-in camera and Augmented Reality.

New Features

- Mechanically Aligned Camera
- Bullseye target alignment w/ Augmented Reality
- 30% Smaller than previous generation
- Rugged Design & Weather Resistant
- Impact-resistant 5" Touch Screen Display
- Dual frequency technology

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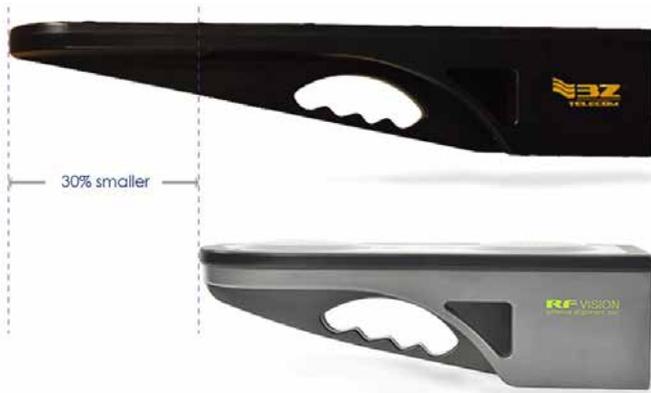


Available Connectivity



Smaller But 3x More Powerful

The RF Vision is 30% smaller than the previous model, making it more portable and easier to maneuver.



Multi-Constellations & Dual Frequency Technology

RF Vision connects to GPS, GLONASS, BEIDOU*, and GALILEO*

Dual frequency technology allows RF Vision to measure each satellite twice, seeing a total of 174 satellites signals (3x more than competitor products). This delivers more accurate, faster readings even in high density urban cities and crowded towers.

GNSS
DUAL FREQUENCY



GPS



GLONASS



BEIDOU*



GALILEO*



The smallest & most well-connected antenna alignment tool on the planet.

**Coming soon.*

Built-in Camera

The First, and Only Antenna Alignment Tool w/ Camera in the Market

For the first time, an antenna alignment tool not only aligns the antenna, but also provides a visual guide to show where the antenna is pointing. The line of sight image gives you greater clarity and simplifies the alignment process.

The world around your antennas is constantly changing, and RF Vision allows you to capture these changes. New building constructions, growing tree lines, etc. will degrade your coverage objectives and create unhappy customers. Only RF Vision will allow you to see these obstructions and give engineers the ability to optimize antenna orientations.

Now you can see your antenna coverage!



Easy-to-Use Antenna Alignment Tool



Camera + Touch Screen View Finder

The RF Vision's augmented reality displays a bullseye target in the 5-inch LCD touch screen display. Now the tower tech can perfectly align the antenna by simply moving the crosshair over to align the bullseye in one easy (and fun!) step.

The touch screen display is responsive to touch in most work gloves, letting you keep your hands protected and warm in cold conditions.

Secure Report Generator

No post processing required! RF Vision will create a single comprehensive PDF or CSV report for each site being aligned. Retrieve reports easily via the built-in micro-USB port.

Your report includes the target coordinates and the final measured alignment data, site sector identifiers, geocoding, geolocation, date and time stamp, and a line of sight photo validation.

Reports can be verified against manual manipulation using our Report Validation software to ensure the report has not been tampered with.

Designed with the User in Mind

- Protected with rubber guard & rugged design
- Small design for increased portability
- Sunlight-readable screen
- Weather & impact resistant
- Bullseye target on LCD screen for visual aid



What Comes with your Kit?

Everything you need to get started.

- RF Vision Antenna Alignment Tool
- Universal Strap Clamp
- Rugged hard-case w/ padded interior
- Water resistant soft-case bag
- Rubber bumpers for microwave antennas
- AC/DC Power charger & universal power adaptors



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Align with Precision



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