

SMART SOCA

Self-Optimizing Cellular Antenna System

ABOUT

The Smart SOCA is an innovative solution designed to automate directional cellular antenna alignment to optimize cellular router or signal booster setup and performance. Combining a mount with a motorized rotator and a smart SIM-capable controller, it self-scans cell signal, identifies the strongest, highest quality signal source, and aims mounted antenna with precision. For integrators and DIY installers, this means maximum signal capture for superior connectivity, no more aiming trail-and-error, and faster deployment. A reliable internet connection is required.

FEATURES

- **Automated Antenna Alignment:** Performs a 360° signal sweep and accurately aims antenna on its own.
- **SIM Card Capable:** Enables functionality without accessing the local WiFi network.
- **Optimize Cellular Signal Booster or Cellular Router Setup:** Optimal antenna positioning ensures connected system receives the best possible cell signal to operate at peak efficiency.
- **Remote Visibility & Control:** View signal data, recalibrate alignment, and manage multiple systems from anywhere through the CellularPath app or web interface.
- **Reduce Truck Rolls:** Centralized monitoring and off-site recalibration capabilities minimize site visits for integrators and managed service providers, lowering costs and downtime.
- **Rugged Design:** Engineered to withstand extreme temperatures, high winds, and support heavy antenna loads.



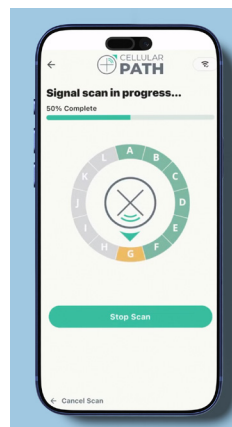
Antenna Mount Rotator

Motorized mount rotates antenna during setup to perform Establ. Allows simple recalibration anytime to maintain peak performance.



Smart SOCA Controller with SIM Card Slot

The brain of the SOCA. Via a WiFi or cellular connection, it provides comprehensive cell signal data to the portal and receives auto-calibration commands.



CellularPath App or Web Interface

Guides setup, displays signal data, and alerts users if conditions change to reposition antenna, keeping your connection optimized at all times.

