

CART TRACK

Real-Time Position. Accurate Results
Indoors or Outdoors

Cart Track is a cart-mounted GPS tracking system designed to provide accurate position and distance data while moving your cart system in indoor or outdoor work environments



INDOOR & OUTDOOR OPERATION

Use encoder mode indoors when GPS is unavailable or GPS passthrough outdoors for live positioning



ACCURATE POSITIONING

Wheel encoders and GPS work together to deliver precise distance, position



REAL-TIME MAPPING

View position, heading, distance, and your movement trail in real time



EASY CALIBRATION

Simple rollout and wheelbase calibration for maximum accuracy



FLEXIBLE CONNECTIVITY

Wi-Fi interface for easy setup, optional BLE, and NTRIP correction support



SEISMIKE INTEGRATION

Control automatic tapping with distance, time, or manual fire modes



*Cart is not included

OPERATING MODES

NMEA OUTPUT: ENCODER

Indoor Operation

Cart Track uses wheel encoders to calculate movement and generate simulated NMEA position data.



NMEA OUTPUT: GPS PASSTHROUGH

Outdoor Operation

Live position data from the connected GPS receiver passes through Cart Track to your equipment.



Wheel Encoder Tracking

Cart Track uses precision wheel encoders to measure the cart's movement as it travels. The encoder system records wheel rotation to calculate distance and position, providing reliable tracking indoors where GPS signals may be unavailable. After calibration, Cart Track converts encoder movement into real-time position data and simulated NMEA output.



SIMPLE WORKFLOW



Install
Hardware



Power
On



Connect to
Cart Track SSID



Select Mode &
Calibrate



Verify Output &
Begin Work