

# WINGTRAGROUND

## Your all-in-one portable survey kit for accuracy, simplicity and efficiency

WingtraGROUND is a core component of a complete survey solution that makes your projects efficient and error-free. No more juggling tools or wasting time on manual workflows—just results you can trust, every time.



### Why WingtraGROUND?



#### All-in-one kit

Includes receivers synced with WingtraCLOUD for turnkey setup.



#### Step-by-step guidance

Confirms correct ground setup for a fluid, confident workflow and accuracy you can count on.



#### Professional accuracy

High-precision data collection for 3cm (1/10 foot) absolute accuracy via the Wingtra receiver workflow.

## Access the complete mapping solution



#### WingtraCLOUD

Plan, capture, collaborate, process and share accurate results in one, intuitive platform.



#### WingtraGROUND

Complete survey setup kit fully integrated in an end-to-end workflow.



#### WingtraOne GEN II

VTOL drone specialized for surveying and mapping, with top-of-range RGB and LIDAR payloads.

UNBEATABLE  
VALUE!

#### SPECIAL OFFER

- ✓ WingtraGROUND
- ✓ FREE one-year WingtraCLOUD Pro license, featuring PPK geotagging, advanced 3D planning\*
- ✓ 150GB processing allowance included

\*Offer valid until April 30, 2025.

# WingtraGROUND equipment

## What's in the kit

Everything you need for surveying—GNSS receivers, tripods, checkpoints, nails, and a hammer— in a single, portable hard case.

### 2x GNSS receivers

One used as a stationary (base) and one used to collect data from checkpoints (rover).

### 6x flexible targets

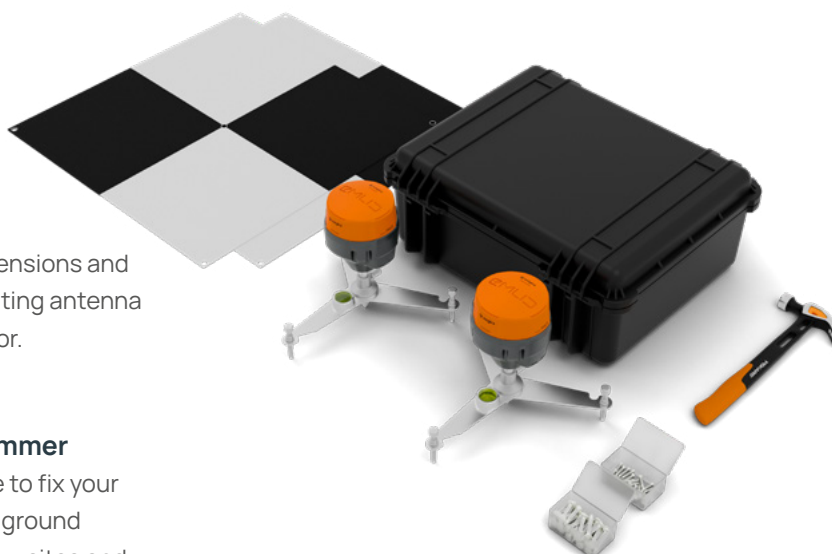
Ground control points and/or checkpoints to verify your accuracy.

### 2x tripods

With fixed dimensions and height, eliminating antenna offset user error.

### Nails and hammer

Industry-grade to fix your targets on the ground and/or mark new sites and known points.



## Technical specifications

### Base logging

Relative positioning	Setup on known point
Absolute positioning	PPP coming soon
Base logging	Max 22h

### Checkpoint logging

Duration	30s
Max distance to base	Up to 10km for best accuracy

### WingtraCloud integration

Accuracy	3cm*
Communication	Bluetooth or WiFi
Processing options	PPK single point processing PPK image geotagging Map processing including checkpoints or ground control points

### WingtraRECEIVER

Type	Emlid Reach RS3
Positioning accuracy PPK	H: 5mm+0.5ppm V: 10mm+1ppm
Signal tracked	GPS/QZSS L1C/A, L2C, GLONASS L1OF, L2OF, BeiDou B1I, B2I, Galileo E1B/C, E5b
Number of channels	184
Weight	950 g
Size	126 x 126 x 142 mm
Waterproof	Up to one meter depth (IP67)
Temperature range	-20 to +65 °C
Batteries	Li-Ion
Battery lifetime	Over 2000 cycles of charging and discharging
Internal storage	16 GB

\* Under specific conditions: <1cm GSD, <10km baseline, well-textured land cover, good weather conditions, known point with survey-grade accuracy available