

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.

SPECIAL OFFER

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

*Includes 4 RGB map trials.

JUST

\$7.9K

PERFECT FOR
WEEKLY USAGE

UNBEATABLE
VALUE!

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

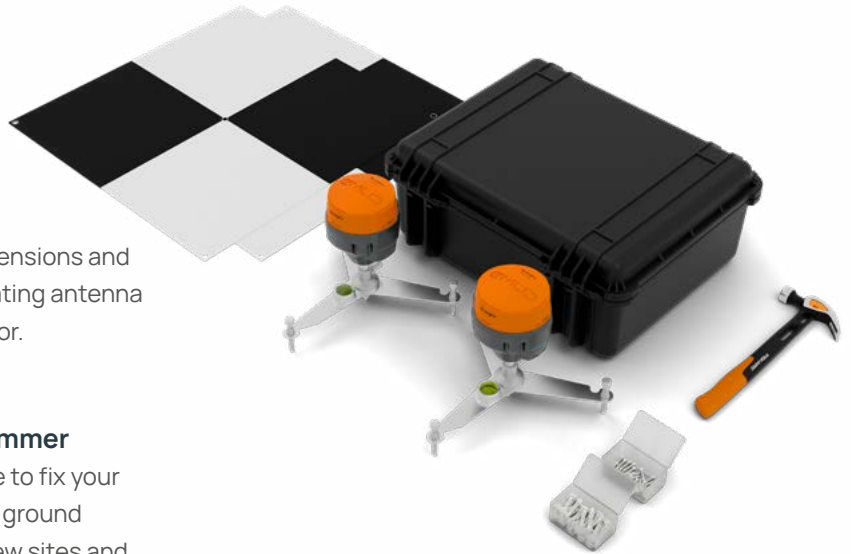
Ground control points and/or checkpoints to verify your accuracy.

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