

Applications



Mining & aggregates



Surveying & GIS



Construction & infrastructure



Environment & research



Agriculture



WingtraOne GEN II

Map faster

WingtraOne's unique set of features empowers you to minimize your time flying and get more work done, be it another project in the field or analyzing your data at the office.

Data collection speed

WingtraOne RX1R II

Other fixed-wing drone

Multicopter drones

Up to

8>

faster than multicopter drones

Up to

2_x

faster than standard fixed-wing drones

Average based on our coverage and labor cost calculator. This number can vary depending on factors such as overlap, camera model and altitude. The model takes into account data collection only. Flight planning, setting up GCPs, data processing, time to relocate between flights are not taken in account in this model.

Efficient fixed-wing flight

Fly at 16 m/s (36 mph) for up to 59 minutes per flight for large coverage.

42 MP camera

WingtraOne can fly
higher than drones
limited to 20 MP
cameras, so you capture
more ground and more
detail with every picture
and a larger area per
flight.

No more GCPs, checkpoints only

With an onboard highprecision PPK GNSS receiver you no longer need to lay out ground control points (GCPs). Use as few as three checkpoints to verify your map quality.

Lower image overlaps

High-quality optics means you can reconstruct your map reliably even with lower overlaps. This means more new ground covered per flight line and maximum coverage per flight.

Maximum coverage with one flight

at 1.2 cm/px (0.5 in/px) GSD

WingtraOne RX1R II

42 MP camera 110 ha (272 ac) 93 m (305 ft) altitude



Other fixed-wing drones

20 MP camera70 ha (173 ac)57 m (187 ft) altitude



Multicopter drones

20 MP camera 8 ha (20 ac) 44 m (144 ft) altitude



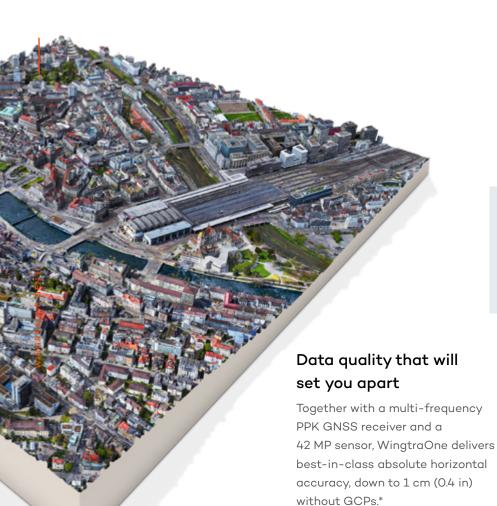
Map larger

Whether it's a highway, an industrial complex or a mine, you can now take on large projects that were previously impossible to map with a drone. And it takes you just a few hours.

Map anywhere

Thanks to its VTOL design,
WingtraOne can take off and
land almost anywhere—even
in confined spaces or on rough
terrain. This enables you to collect
data where other drones cannot.





Absolute horizontal accuracy down to

 1 cm^*

(0.4 in)

GSD down to

0.7 cm/px

(0.3 in/px)



A reliable workhorse

No matter the conditions, WingtraOne operates safely and delivers high-quality data, consistently. WingtraOne is engineered and assembled in Switzerland. It demonstrates sharp results—even in wind— bolstered by predictive self-diagnosis and automated safety checks.

Cut costs

Faster data collection and expanded coverage equals fewer people in the field for less time.

This lowers the man-hour costs associated with data collection.

Extended Services



Spare drone

A redundant wing that serves as a backup for business continuity or as a replacement drone.**



Total Maintenance Plan

All-in-one maintenance solutions for your drone fleet.**



Training and consulting

Learn how to handle the drone, fly safely and post-process your data.



Extended warranty

A longer warranty for greater peace of mind.



Accidental Damage Protection

Extra protection in case of physical breakage or failure that is not due to a manufacturing defect.**

World-class support

Integrating new technologies into existing workflows may seem a challenge at first, but Wingtra's top-rated customer support is here to help you every step of the way.



Rated 4.75 out of 5 stars



A team of trained surveyors and drone experts



Training onsite or in online video conferences



Local presence in over 60 countries via distributor network



^{**}Conditions apply, find more information on wingtra.com/extended-services

WingtraOne GEN II Technical Specifications

Hardware

BeiDou (L1) Frequencies range: 1227.6 MHz / 1242.9375-1251.6875 MHz / 15 MHz / 1575,42 MHz / 1598.0625-1609.3125 MHz / 1602.00 MHz Dimensions of travel hardcase (optional) Weight of travel hardcase including the drone Plight speed Operation Flight speed Operational cruise speed Climb / sink cruise 6 / 3 m/s (13.4 / 6.7 m Climb / sink hover 6 / 2.5 m/s (13.4 / 5.6 m Max sustained wind max sustained wind max sustained wind not the ground s/ms (40 mph) Max sustained wind on the ground s/ms (19 mph) Maximum flight time Up to 59 min See next page or knowledge.wingtra.com/flight-time for what time to expect in different flying conditions Temperature -10 to +40 °C (14 to 104 °F) Maximum take-off altitude	i idi divalo					
Weight (empty) 37kg (81 lb) Maximum payload weight 800 g (1.8 lb) Wingspan 125 cm (4.1 ft) Dimensions of WingtraOne 125 × 68 × 12 cm (4.1 × 22 × 0.4 ft) (without middle stand) Dimensions of Pilot Box 57 × 37 × 20 cm, 8.6 kg (1.8 × 1.2 × 1.0 ft, 19 lb) Battery capacity Two 99 Wh batteries (required as a pair) Battery type Li-ion, smart battery technology, UN3481 compliant Radio link Bi-directional 10 km (6 mi) in direct line of sight, obstacles reduce the range Onboard GPS Redundant, using GPS (L1, L2), GLONASS (L1, L2), Galileo (L1) BeiDou (L1) Frequencies range: 12276 MHz / 12429375-1251.6875 MHz / 15 MHz / 1575,42 MHz / 1598.0625-1609.3125 MHz / 1602,00 MHz Dimensions of travel hardcase (optional) Weight of travel hardcase 137 × 67 × 23 cm (54 × 26 × 9 in) Operation Flight speed Operational cruise speed 1.6 m/s (35.8 mph) 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 2.5 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s (13.4 / 5.7 m (5.1 ms) km cruise 6 / 3 m/s	Drone type	Tailsitter vertical take-off and landing (VTOL)				
Maximum payload weight Wingspan 125 cm (4.1 ft) Dimensions of WingtraOne 125 × 68 × 12 cm (4.1 × 2.2 × 0.4 ft) (without middle stand) Dimensions of Pilot Box 57 × 37 × 20 cm, 8.6 kg (1.8 × 1.2 × 1.0 ft, 19 lb) Battery capacity Two 99 Wh batteries (required as a pair) Battery type Li-ion, smart battery technology, UN3481 compliant Bai-directional 10 km (6 mi) in direct line of sight, obstacles reduce the range Onboard GPS Redundant, using GPS (1.1, L2), GLONASS (1.1, L2), Galileo (1.1) BeilDou (1.1) Frequencies range: 1227.6 MHz / 1242.9375-1251.6875 MHz / 1598.0625-1609.3125 MHz / 1602.00 MHz Dimensions of travel hardcase (optional) Weight of travel hardcase including the drone Operation Flight speed Operational cruise speed Climb / sink cruise 6 / 3 m/s (13.4 / 6.7 m. Climb / sink cruise 6 / 25 m/s (13.4 / 6.7 m. Climb / sink hover 6 / 2.5 m/s (13.4 / 6.7 m. Climb / sink hover 6 / 2.5 m/s (13.4 / 6.7 m. Climb / sink hover 7 Climb / sink hover 7 Climb / sink hover 7 Climb / sink hover 8 Max sustained wind an the ground 9 Max insulationed wind on the ground 9 Max insulationed wind wind wind wind wind wind wind win	Maximum take-off weight	4.5 kg (9.9 lb)				
Wingspan 125 cm (4.1 ft) Dimensions of WingtroOne 125 × 68 × 12 cm (4.1 × 2.2 × 0.4 ft) (without middle stand) Dimensions of Pilot Box 57 × 37 × 20 cm, 8.6 kg (1.8 × 1.2 × 1.0 ft, 19 lb) Battery capacity Two 99 Wh batteries (required as a pair) Battery type Li-ion, smart battery technology, UN3481 compliant Radio link Bi-directional 10 km (6 mi) in direct line of sight, obstacles reduce the range Onboard GPS Redundant, using GPS (L1, L2), GLONASS (L1, L2), Galileo (L1) BeiDou (L1) Frequencies range: 1227.6 MHz / 12429375-1251.6875 MHz / 157542 MHz / 1598.0625-1609.3125 MHz / 1602.00 MHz Dimensions of travel hardcase (optional) 137 × 67 × 23 cm (54 × 26 × 9 in) Weight of travel hardcase including the drone 18.6 kg (41 lb) Operation 18.6 kg (41 lb) Wind resistance Max sustained wind Max wind gusts Max sustained wind Max wind gusts Max sustained wind on the ground B/ms (19 mph) Max insulation of the ground Max wind Max wind gusts Max sustained wind on the ground B/ms (19 mph) 18 m/s (40 mph) Maximum flight time Up to 59 min See next page or knowledgewingtra.com/flight-time for what time to expect in different flying conditions Temperature -10 to +40 °C (14 to 104 °F) Maximum take-off altitude above sea level 2500 m (8200 ft); with high-altitude propellers it is possible to eff from up to 4800 m (Weight (empty)	3.7 kg (8.1 lb)				
Dimensions of WingtraOne 125 × 68 × 12 cm (4.1 × 2.2 × 0.4 ft) (without middle stand) Dimensions of Pilot Box 57 × 37 × 20 cm, 8.6 kg (1.8 × 1.2 × 1.0 ft, 19 lb) Battery capacity Two 99 Wh batteries (required as a pair) Battery type Li-ion, smart battery technology, UN3481 compliant Radio link Bi-directional 10 km (6 mi) in direct line of sight, obstacles reduce the range Onboard GPS Redundant, using GPS (L1, L2), GLONASS (L1, L2), Galileo (L1) BeiDou (L1) Frequencies range: 1227.6 MHz / 1242/9375-1251.6875 MHz / 15 MHz / 1575.42 MHz / 1598.0625-1609.3125 MHz / 1602.00 MHz Dimensions of travel hardcase (optional) Weight of travel hardcase including the drone Operation Flight speed Operational cruise speed Operational cruise speed Olimb / sink ruise Olimb / sink hover Olimb	Maximum payload weight	800 g (1.8 lb)				
Dimensions of Pilot Box 57 × 37 × 20 cm, 8.6 kg (1.8 × 1.2 × 1.0 ft, 19 lb) Battery capacity Two 99 Wh batteries (required as a pair) Battery type Li-ion, smart battery technology, UN3481 compliant Radio link Bi-directional 10 km (6 mi) in direct line of sight, obstacles reduce the range Onboard GPS Redundant, using GPS (L1, L2), GLONASS (L1, L2), Galileo (L1) BeiDou (L1) Frequencies range: 1227.6 MHz / 1242.9375-1251.6875 MHz / 15 MHz / 1575.42 MHz / 1598.0625-1609.3125 MHz / 1602.00 MHz Dimensions of travel hardcase (optional) Weight of travel hardcase including the drone Operation Flight speed Operational cruise speed Ans sustained wind 12 m/s (35.8 mph) Climb / sink ruise 6 / 3 m/s (13.4 / 5.6 m) Climb / sink hover 6 / 2.5 m/s (13.4 / 5.6 m) Max wind gusts 18 m/s (40 mph) Max wind gusts 18 m/s (40 mph) Max sustained wind on the ground Max in time to expect in different flying conditions Temperature -10 to +40 °C (14 to 104 °F) Maximum take-off altitude above sea level Operational control points required No (with PPK option); using 3 checkpoints to verify the accuracy is recommended	Wingspan	125 cm (4.1 ft)				
Battery capacity Two 99 Wh batteries (required as a pair) Battery type Li-ion, smart battery technology, UN3481 compliant Radio link Bi-directional 10 km (6 mi) in direct line of sight, obstacles reduce the range Onboard GPS Redundant, using GPS (L1, L2), GLONASS (L1, L2), Galileo (L1) BeiDou (L1) Frequencies range: 1227.6 MHz / 1242.9375-1251.6875 MHz / 15 MHz / 1575.42 MHz / 1598.0625-1609.3125 MHz / 1602.00 MHz Dimensions of travel hardcase (optional) Weight of travel hardcase including the drone Operation Flight speed Operational cruise speed Operational cruise speed Operational cruise speed Operational cruise of /3 m/s (13.4 / 6.7 m Climb / sink cruise Operational 12 m/s (27 mph) Max sustained wind Max sustained wind 12 m/s (27 mph) Max wind gusts Max sustained wind on the ground Max in gusts Max sustained wind on the ground Max in gusta in ground Max in ground i	Dimensions of WingtraOne	125 × 68 × 12 cm (4.1 × 2.2 × 0.4 ft) (v	vithout middle stand)			
Battery type Li-ion, smart battery technology, UN3481 compliant Bi-directional 10 km (6 mi) in direct line of sight, obstacles reduce the range Onboard GPS Redundant, using GPS (L1, L2), GLONASS (L1, L2), Galileo (L1) BeiDou (L1) Frequencies range: 1227.6 MHz / 1242.9375-1251.6875 MHz / 15 MHz / 1575.42 MHz / 1598.0625-1609.3125 MHz / 1602.00 MHz Dimensions of travel hardcase (optional) Weight of travel hardcase including the drone Operation Flight speed Operational cruise speed 16 m/s (35.8 mph) Climb / sink cruise 6 / 3 m/s (13.4 / 6.7 m Climb / sink hover 6 / 2.5 m/s (13.4 / 5.6 m Climb / sink hover 6 / 2.5 m/s (13.4 / 5.6 m Climb / sink hover 6 / 2.5 m/s (13.4 / 5.6 m Climb / sink do nthe ground 8/ms (19 mph)) Max sustained wind on the ground 8/ms (19 mph) Maximum flight time Up to 59 min See next page or knowledge.wingtra.com/flight-time for what time to expect in different flying conditions Temperature -10 to +40 °C (14 to 10.4 °F) Maximum toke-off altitude above sea level off from up to 4800 m (15,700 ft) and fly up to 5000 m (16,40 AMSL) Weather IP54, not recommended to fly in fog, rain and snow Oround control points required No (with PPK option); using 3 checkpoints to verify the accuracy is recommended	Dimensions of Pilot Box	57 × 37 × 20 cm, 8.6 kg (1.8 × 1.2 × 1.0) ft, 19 lb)			
Radio link Bi-directional 10 km (6 mi) in direct line of sight, obstacles reduce the range Onboard GPS Redundant, using GPS (L1, L2), GLONASS (L1, L2), Galileo (L1) BeiDou (L1) Frequencies range: 1227.6 MHz / 1242.9375-1251.6875 MHz / 15 MHz / 1575.42 MHz / 1598.0625-1609.3125 MHz / 1602.00 MHz Dimensions of travel hardcase (optional) Weight of travel hardcase including the drone Operation Flight speed Operational cruise speed Operational cruise speed Operational cruise speed Olimb / sink cruise Olimb / sink roruse Olimb / sink hover Olimb / sink hover Olimb / sink hover Olimb / sink oruse Operational cruise speed Op	Battery capacity	Two 99 Wh batteries (required as a p	Two 99 Wh batteries (required as a pair)			
Onboard GPS Redundant, using GPS (L1, L2), GLONASS (L1, L2), Galileo (L1) BeiDou (L1) Frequencies range: 1227.6 MHz / 1242.9375-1251.6875 MHz / 15 MHz / 1575.42 MHz / 1598.0625-1609.3125 MHz / 1602.00 MHz Dimensions of travel hardcase (optional) Weight of travel hardcase including the drone Operation Flight speed Operational cruise speed Operation	Battery type	Li-ion, smart battery technology, UN3481 compliant				
BeiDou (L1) Frequencies range: 1227.6 MHz / 1242.9375-1251.6875 MHz / 15 MHz / 1575.42 MHz / 1598.0625-1609.3125 MHz / 1602.00 MHz Dimensions of travel hardcase (optional) Weight of travel hardcase including the drone Operation Flight speed Operational cruise speed Operational cruise speed Climb / sink cruise 6 / 3 m/s (13.4) 6.7 m Climb / sink hover 6 / 2.5 m/s (13.4) 6.7 m Climb / sink hover Max sustained wind 12 m/s (27 mph) Max wind gusts Max sustained wind on the ground 8/ms (19 mph) Maximum flight time Up to 59 min See next page or knowledge.wingtra.com/flight-time for what time to expect in different flying conditions Temperature -10 to +40 °C (14 to 104 °F) Maximum take-off altitude above sea level Orerational cruise speed 1.6 m/s (35.8 mph) 1.6 m/s (35.8 mph) 1.7 m/s (27 mph) 1.8 m/s (30 mph) 1.8 m/s (30 mph) 1.8 m/s (40 mph) 1.8 m/s	Radio link	· · · · · · · · · · · · · · · · · · ·				
Weight of travel hardcase including the drone Operation Flight speed Operational cruise speed In m/s (35.8 mph) Operational cruise speed In m/s (35.8 mph) In m/s (13.4 / 6.7 mr Olimb / sink hover Operational cruise speed In m/s (35.8 mph) In m/s (13.4 / 6.7 mr Operational cruise speed In m/s (35.8 mph) In m/s (13.4 / 6.7 mr Operational cruise speed In m/s (35.8 mph) In m/s (13.4 / 6.7 mr Operational cruise speed In m/s (35.8 mph) In m/s (13.4 / 6.7 mr In m/s (27 mph) Max wind gusts In m/s (40 mph) Max sustained wind on the ground In m/s (19 mph) Maximum flight time Up to 59 min See next page or knowledge.wingtra.com/flight-time for what time to expect in different flying conditions Temperature In to to +40 °C (14 to 104 °F) Maximum take-off altitude above sea level Off from up to 4800 m (15,700 ft) and fly up to 5000 m (16,40 AMSL) Weather IP54, not recommended to fly in fog, rain and snow Operational cruise speed No (with PPK option); using 3 checkpoints to verify the accuracy is recommended	Onboard GPS	Frequencies range: 1227.6 MHz / 1242.9375-1251.6875 MHz / 1561,098				
Operation Flight speed Operational cruise speed Olimb / sink cruise Olimb / sink hover O						
Flight speed Operational cruise speed Climb / sink cruise Olimb / sink hover Olimb / sink hover 6 / 2.5 m/s (13.4 / 6.7 m Climb / sink hover 6 / 2.5 m/s (13.4 / 5.6 m Max sustained wind Max wind gusts Max sustained wind on the ground Max wind gusts Max sustained wind on the ground Max wind gusts Max sustained wind on the ground Max wind gusts Max sustained wind on the ground Max in the	_	18.6 kg (41 lb)				
Climb / sink cruise Climb / sink hover 6 / 2.5 m/s (13.4 / 6.7 m Climb / sink hover 6 / 2.5 m/s (13.4 / 6.7 m 6 / 2.5 m/s (13.4 / 5.6 Wind resistance Max sustained wind Max wind gusts Max sustained wind on the ground 8/ms (19 mph) Maximum flight time Up to 59 min See next page or knowledge.wingtra.com/flight-time for what time to expect in different flying conditions Temperature -10 to +40 °C (14 to 104 °F) Maximum take-off altitude above sea level 2500 m (8200 ft); with high-altitude propellers it is possible to off from up to 4800 m (15,700 ft) and fly up to 5000 m (16,40 AMSL) Weather IP54, not recommended to fly in fog, rain and snow Round control points required No (with PPK option); using 3 checkpoints to verify the accuracy is recommended	Operation					
Max wind gusts Max sustained wind on the ground 8/ms (19 mph) Maximum flight time Up to 59 min See next page or knowledge.wingtra.com/flight-time for what time to expect in different flying conditions Temperature -10 to +40 °C (14 to 104 °F) Maximum take-off altitude above sea level 2500 m (8200 ft); with high-altitude propellers it is possible to ff from up to 4800 m (15,700 ft) and fly up to 5000 m (16,40 AMSL) Weather IP54, not recommended to fly in fog, rain and snow Ground control points required No (with PPK option); using 3 checkpoints to verify the accuracy is recommended	Flight speed	Climb / sink cruise	16 m/s (35.8 mph) 6 / 3 m/s (13.4 / 6.7 mph) 6 / 2.5 m/s (13.4 / 5.6 mph)			
See next page or knowledge.wingtra.com/flight-time for what time to expect in different flying conditions Temperature -10 to +40 °C (14 to 104 °F) Maximum take-off altitude above sea level off from up to 4800 m (15,700 ft) and fly up to 5000 m (16,40 AMSL Weather IP54, not recommended to fly in fog, rain and snow No (with PPK option); using 3 checkpoints to verify the accuracy is recommended	Wind resistance	Max wind gusts	18 m/s (40 mph)			
Maximum take-off altitude above sea level 2500 m (8200 ft); with high-altitude propellers it is possible to off from up to 4800 m (15,700 ft) and fly up to 5000 m (16,40 AMSL Weather IP54, not recommended to fly in fog, rain and snow No (with PPK option); using 3 checkpoints to verify the accuracy is recommended	Maximum flight time	See next page or knowledge.wingtra.com/flight-time for what flight				
above sea level off from up to 4800 m (15,700 ft) and fly up to 5000 m (16,40 AMSL Weather IP54, not recommended to fly in fog, rain and snow No (with PPK option); using 3 checkpoints to verify the accuracy is recommended	Temperature	-10 to +40 °C (14 to 104 °F)				
Ground control points required No (with PPK option); using 3 checkpoints to verify the accuracy is recommended		2500 m (8200 ft); with high-altitude propellers it is possible to take off from up to 4800 m (15,700 ft) and fly up to 5000 m (16,400 ft) AMSL				
using 3 checkpoints to verify the accuracy is recommended	Weather	IP54, not recommended to fly in fog, rain and snow				
Auto-landing accuracy < 2 m (< 7 ft)	Ground control points required					
	Auto-landing accuracy	< 2 m (< 7 ft)				

A camera for every job

WingtraOne makes no compromises on aerial image quality. Whether you need data for orthophotos, 3D models or multispectral mapping, it carries the best camera for every application.

As you exchange cameras in the field, various types of data can be acquired with the same drone.

RGB cameras nadir	NO STATE OF THE PROPERTY OF TH	Sony RX1R II Highest precision and most popular		Sony a6100 Most affordable Wingtra bundle
Sensor	Full-frame s 42 MP	ensor	APS-C sensor 24 MP	
GSD down to	0.7 cm/px (0.28 in/px)		1.2 cm/pxx (0.47 in/px)	
Absolute horizontal accuracy down to	1 cm (0.4 in)	1,2	2 cm (0.8 in) ^{1,3}	
Absolute vertical accuracy down to	2 cm (0.8 in)	1.2	4 cm (1.6 in) ^{1,2}	
RGB cameras oblique		Oblique Sony a6100 3D mapping camera		
Sensor	APS-C sens 24 MP	cor		
GSD down to	1.6 cm/px (0.63 in/px)			
Absolute horizontal accuracy down to	2 cm (0.8 in) ^{1,3}			
Absolute vertical accuracy down to	4 cm (1.6 in) ^{1,3}			
Multispectral cameras	X	Micasense RedEdge-MX Most affordable multispectral sensor	(0, 0, 0) (0, 0, 0)	MicaSense RedEdge-P Multispectral & panchromatic sensors
Sensor	5 sensors Blue, green, near infrared	red, red edge, d (NIR)	5 individual sensors Red, Green, B Rededge, Near-infrared	
GSD down to	6.7 cm/px (2.6 in/px)		2.0 cm/px 0.78 in/px	
Absolute horizontal accuracy down to	8 cm (3.1 in)		3 cm (1.18 in)	
Absolute vertical accuracy down to	15 cm (5.9 in)		5cm (1.97 in)	

What's included in the bundle?

1x WingtraOne GEN II drone

1x carrying sleeve

1x carrying case for accessories (pilot box)

1x tablet including WingtraPilot flight planning software

1x telemetry module (2.4 Ghz)

2x pairs of batteries

1x charging station

1x anemometer

1x SD card adapter

1x micro SD card reader

1x pair of side stands

1x middle stand

1x Torx screw driver T10

1x Torx T10 key



Additional products



Hardcase

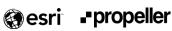
For easy and safe WingtraOne drone bundle transportation



PPK licenses

A built-in multi-frequency (L1-L2 included) PPK GNSS receiver, which ensures best-inclass image geotag correction after the flight with accuracy down to 1 cm (0.4 in)

Agisoft Bentley





Recommended photogrammetry software

For a complete drone solution from data collection to post-processing