

# The Aibot X6 Version 2

## Because precision matters



The Aibot X6 represents a new generation of flying robots, specifically developed for demanding tasks in surveying, industrial inspections and industries such as agriculture and forestry.

The robust, reliable hexacopter is easy to fly and generates high quality data that can be processed in many ways.

### TECHNICAL FEATURES

Length / Width	1.05 m (3.4 Ft.)
Height	0.45 m (1.5 Ft.)
Housing	CFRP (Carbon Fiber Reinforced Polymer)
Dead weight	3,400 g
Take-off weight	4,600 g – 6,600 g
Max. payload	2,000 g
Max. speed	40 km/h (25 mph)*
Flight height	up to 1,000 m (3,280 Ft.) over ground under ideal conditions* max. 3,000 m (9,842 Ft.) ASL
Flight time	up to 20 min.*
Operating temperature	-20 °C to 40 °C (-4 to 104 F°)
Aibotix navigation	GPS receiver / smart-sensor fusion: including gyroscope, accelerometer, barometer, magnetometers, ultrasonic sensors
Control	Remote control, tablet-PC (optional), automatic waypoint flight
Batteries	Lithium-polymer 2 x 5,000 mAh

\*Depending on operating mode, weather and payload



#### Merged sensors

The Aibot X6 can be equipped with a variety of different sensors, making it indispensable in unlimited application areas.

#### Hyper- & multispectral sensors:

Various application areas especially in agriculture and forestry.

#### Digital cameras:

Georeferenced images for surveying and geo-mapping, as well as industrial inspection of power lines, wind turbines, bridges, dams and many more.

#### Thermal imager:

Inspection and monitoring of photovoltaic systems and buildings, missions in the field of agriculture and forestry and many more.



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