

HEIGHT TECH INSPECTORS



_INSPECTOR S FEATURES



Aluminium-Chassis

Lightweight, highly stable and proven in aircraft building, the aluminium construction makes the INSPECTOR S a robust working tool.



Beacon Light

Improved recognisability and higher safety. The highly visible beacon light signals start of propellers and thus serves to avoid collision.



Kollisionsschutz

Newly designed and extremely practical: Whenever required, the uncomplicated propeller protection can be easily attached to the motor mounting plate.



GNSS

Optimal navigation and positioning by means of a precision GNSS module: the position data offers a straightforward method of geo-referencing the captured data.



Ready-to-fly

Complete solutions: INSPECTOR S comes in various application oriented packages, including all necessary parts to get started.



Spray-water- and dust-proof

Prepared for rough tasks: The sensitive electronics of INSPECTOR S are protected from dust and spray-water.

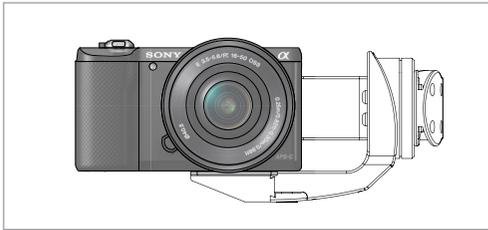
100 % PRACTICE ORIENTED

HEIGHT TECH's longstanding KNOW-HOW in developing professional flight system with high stability and safety requirements provides the basis for a high-grade practice-oriented flight system. From a precise camera gimbal for optimum image results via a completely dust-free and spray-water protected housing through to a quickly replaceable landing gear: each element was re-thought and optimised. An entry solution at the highest level.

HEIGHT TECH INSPECTOR S has been designed especially for newcomers carrying out professional inspection and monitoring tasks. Besides innovative features, high-quality parts and an attractive design, the INSPECTOR S also convinces with an excellent price-to-performance ratio. This drone is made entirely in Germany and is an ideal tool for small to medium-sized applications such as inspecting roofs or bridges and for surveying terrain. The flight system is entirely made in Germany and is particularly suitable as a working device designed for small to medium-sized applications like inspection of roofs, bridges or capturing geodata. With its special on-board equipment, the INSPECTOR S is perfectly capable of managing various tasks. The HEIGHT TECH sales team is happy to advise on all options regarding equipment and accessories.



SENSOR SYSTEMS



Inspection: The Sony Alpha 5100 camera combines optimally compact dimensions with performance. Delivering 24 megapixel images and 1080 p films, the system is ready to master all challenges. The optical stabilised objective equipped with an inflight controllable optical zoom (16-50 mm) compliments perfectly this system and ensures flexibility and productivity.

TECHNICAL DATA

Flight system

Dimensions	803 x 682 x 222 mm
Take-off weight	max. 3.750 g
Flight time	max. 12 Min.
Climb rate	max. 10 m/s (manual mode), max. 3 m/s (GPS)
Speed	max. 60 km/h (manual mode), max. 30 km/h (GPS)
GNSS	GPS, GLONASS, Galileo, BeiDou

Gimbal

Pitch angle	+/- 90°
Roll angle	+/- 30°

Ground station

Frequency	2,4 GHz
Transmission power	100 mW EIRP
Telemetry	2,4 GHz
Video down link	5,8 GHz, 25 mW
Way-point telemetry	433 MHz

For further data please refer to the complete technical data sheet, available at www.heighttech.com



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