

**ALBATROZ  
ENGENHARIA**

# HELIX 200

in flight  
overlook  80°



**airborne platform**



**real time information**



**customized software**



**GPS**



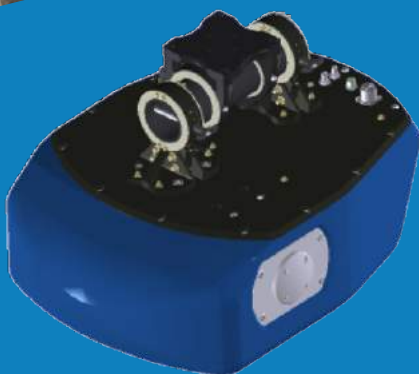
**IMU/IMS**



**visual camera**



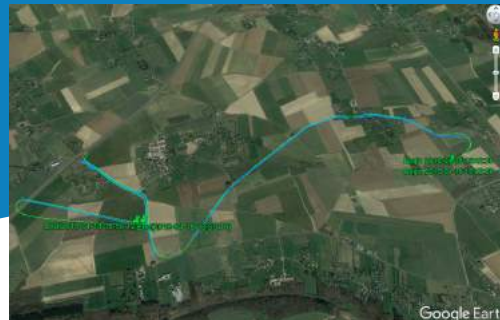
**certifiable**



The HELIX 200 is an airborne Mission Equipment easy to integrate and install in airborne platforms. The equipment can provides LIDAR scanning digital output, visible camera, IMU/INS position and GPS location. During the mission the operator has access to sensors information in real time. The software running on the equipment can be optimized according to the customer needs and mission requirements. All data can be easily accessed in a PED during flight and after flight by an operator. The system can be delivered with EASA Form 1 certification.

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real time data

## SPECIFICATIONS

### Laser specifications

Laser eye safety	Class 1
Accuracy	20 mm
Scan speed	up to 60 scans/sec.

### Camera specifications

Visible	1 camera of 2 Mpx
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### GPS/IMU/INS

GPS	2 systems and 2 antennae
Update rate	25 Hz

### Power and protection

Power requirements	22-30VDC, <150 W
Hand control unit	0.3 kg

### Overview

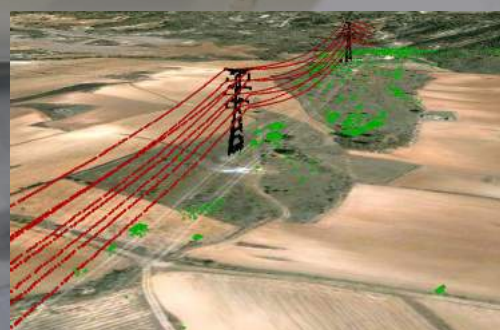
Equipment size (H x L x W)	396 x 660 x 480 mm
Equipment weight	25 kg
Output data	Ethernet



protected camera and laser



5 adjustable positions



recorded detailed information

