



**ALBATROZ
ENGENHARIA**

OWL 500



sensor
overlook



**Multi-platform System
(UAV and Ground)**



**Real Time
Information**



**Customized
Software**



GPS



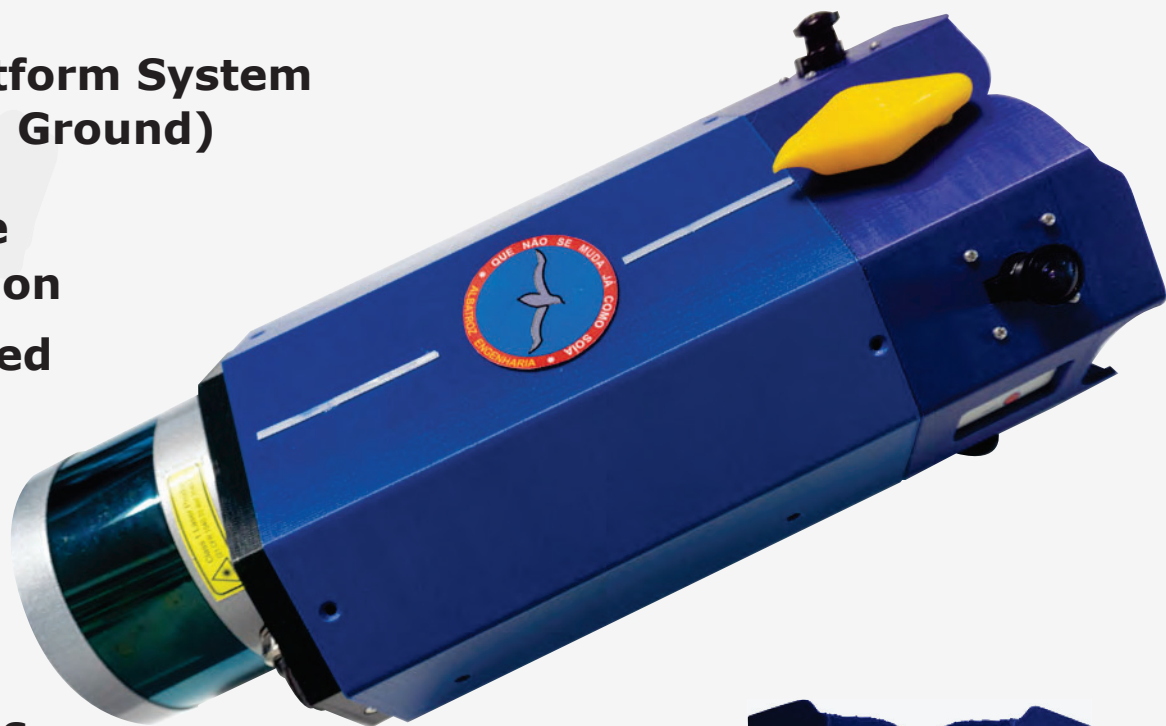
**inertial
data**



4 Cameras



**Wi-Fi and
GSM (4G)**



How far can your sight reach?

With an ergonomic and light design, the Owl system is a multi-platform mission equipment that can provide LIDAR scanning digital output, video, inertial data and GPS location with a Wi-Fi and GSM (4G) connectivity. Built upon a flexible architecture, Owl system can be optimised according to the customer needs, operation requirements and platform. The system provides integrated services to collect, communicate and analyse information with connectivity in real time, which can be accessible by the operator using only a portable device.

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Recorded detail information

SPECIFICATIONS

Laser specifications

Laser eye safety	Class 1
Accuracy	3 cm
Scan speed	~300 000 points/sec.

Camera specifications

Visible	4 cameras of 5 Mpx
IR	spectral range 8-13 μ m

GPS/Inertia

GPS	1 antenna
Accuracy	<1m

Power and protection

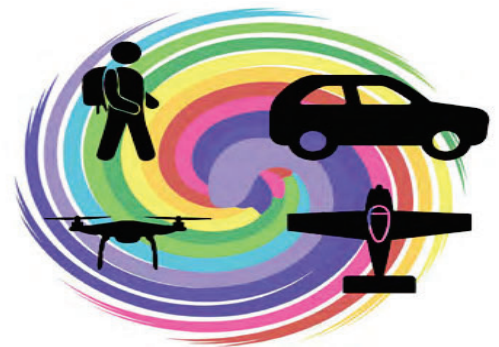
Power requirements	12-24V DC, <35W
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Overview

Equipment size	210 mm (H) x 122 mm(L) x 154 mm(W)
Equipment weight	2.4 kg
Out put data	Wi-Fi and 4G



Multi device access



Multi vehicle equipment

