

AGL1500 LASER ALTIMETER

Designed for the needs of aerial surveys with drones



Features

- ✦ Laser range finder
- ✦ Precision three axis Inclinator, accelerometer
- ✦ Precision three axis compass
- ✦ Designed specifically for aerial surveys with drones
- ✦ Real-time feedback for autopilots and operators
- ✦ Rugged construction.
- ✦ Compact and lightweight
- ✦ Environmentally protected

**Take control
of your
AGL!**

Take control of your real AGL and avoid uncertainties in your flying height.



Specifications

- ✦ **Maximum range: up to 1500 m (*)**
- ✦ **Minimum range: 20 m**
- ✦ **Resolution: 10 cm**
- ✦ **Accuracy: 50 cm**
- ✦ **Secondary instruments onboard:**
 - ✦ **Compass with 3 axis precision magnetometers**
 - ✦ **3 axis precision inclinometer / accelerometer**
- ✦ **report rate: 1 per second**
- ✦ **Report information:**
 - ✦ **Slant distance to target**
 - ✦ **Vertical distance at target point**
 - ✦ **Roll, pitch, yaw**
 - ✦ **Magnetic bearing**
- ✦ **Interfaces: RS232, USB 2.0**
- ✦ **Dimensions (L x W x H):**
 - ✦ **100 mm x 40 mm x 29 mm ~(4" x 1.6" x 1.2")**
- ✦ **Power input: 5V to 24V DC, 100 mA peak**
- ✦ **Weight: 200 g (~7 Oz)**

(*) Depending on target reflectivity