



OS-2 Performance Lidar Sensor



Height: 110mm (4.33in)

Diameter (max): 85mm (3.34in)

Mass: 600g (21.16oz)

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| Channels | 64 |
| Resolution | 64 × 2048 (10 Hz) |
| Range | >200m |
| Precision/Accuracy | ± 3 cm / Zero bias |
| Rotation Rate | 10–20 Hz |
| Angular Resolution | Vertical: 0.26° Horizontal/Azimuth: 0.18° |
| Field of View: | Vertical: +/- 7.9° |
| Beam Divergence | 0.13° full angle |
| Laser Class | Class 1 Eye-Safe |
| Sampling Rate | 1,310,720 points per second |
| Output Per Channel | Distance Ambient near-IR Reflectivity Angle Time stamp |
| Other Embedded Sensors | Inertial Measurement Unit (IMU) |