



Ouster OS0 Rev8 LiDAR

The OS0 Rev8 LiDAR features an ultra-wide field of view (90° vertical FoV) and is designed for high-precision short-range perception. It provides a detection range of 35 m at 10% reflectivity, with a maximum range of 250 m and a minimum range of 0.0 m. Delivering up to 10.4 million points per second, it is ideally suited for robotics, warehouse automation, and industrial applications. Hardware-based sensor fusion enables native RGB-colored point clouds without the need for an additional camera.

Ouster OS0 Rev8 LiDAR Specifications	
Range @ 10% Reflectivity	35 m
Maximum Range	250 m
Minimum Range	0.0 m
Vertical FoV	90°
Point Cloud Rate	10.4 Million pts/s
RGB Point Cloud	Native Hardware-Based Sensor Fusion