



Ouster OS1 Rev8 LiDAR

A mid-range LiDAR sensor designed to provide an optimal balance between resolution and detection range. With a range of up to 90 m at 10% reflectivity, a maximum range of 250 m, and a minimum range of 0.0 m, it delivers reliable environmental perception for a wide range of research, development, and deployment scenarios. Featuring a 45° vertical field of view and a point cloud output of up to 10.4 million points per second, the sensor generates highly detailed 3D spatial data, making it well sui...

OS1 Rev8 Technical Parameter	Value
Range @ 10% Reflectivity	90 m
Maximum Range	250 m
Minimum Range	0 m
Vertical FoV	45°
Point Cloud Output Rate	10.4 million pts/s