



Ouster OSDome Rev8 LiDAR

OSDome Rev8 LiDAR is a hemispherical sensor with a 180° vertical field of view, designed for full coverage environmental perception. It provides a detection range of 20 m at 10% reflectivity, with a maximum range of up to 250 m and a minimum range of 0.0 m. Delivering up to 10.4 million points per second, it is well suited for security systems, smart infrastructure, and situational awareness in autonomous applications. The system supports native generation of RGB-colored 3D point clouds without ...

OSDome Rev8 Specifications	
Range @ 10% Reflectivity	20 m
Maximum Range	250 m
Minimum Range	0.0 m
Vertical Field of View (FoV)	180°
Point Cloud Rate	10.4 million pts/s