

10 m lidar parameters	
Basic Information	
product name	2D TOF Lidar
Measurement characteristics	
Detection range	0.1- 10 m @90% reflectivity 0.1- 5 m @10% reflectivity
Ranging accuracy	±30mm
Scan range	270°
scanning frequency	20Hz
Minimum angular resolution	0.32 °
Photoelectric properties	
voltage	DC12V-24V
Working current	0.21A/12V (typ.)
Laser light source	905nm class I
Power consumption	2.5w
other	
data transfer interface	Ethernet 100BASE-TX
Start Time	<10s
indicator light	power indicator status indicator
ambient light	< 60,000lx
Operating temperature	-10°C~55°C
Storage temperature	-30°C~75°C
humidity	<80%
life span	5 years (motor life)
Vibration test	10-55Hz, amplitude 0.75mm, XYZ three axes, 2 hours per axis; 50-200Hz, 196m/s ² (20G), sweep speed 2min/cycle, XYZ three axes, 2 hours per axis
Protection class	IP65
size	50×50×76mm
weight	148g (without cable)