

Product model	LR10	LR10 Pro
Sensor type	dToF & RGB-D	dToF & RGB-D
Output data	Point cloud&RGB	Point cloud&RGB
TOF resolution and frame rate	240×160@Max.20fps Typical: 15fps	240×160@Max.10fps Typical: 10fps
TOF field of view	90°×61 °/120°×80 °	70°×90 °/70°×120 °
RGB resolution and frame rate	1920 x 1080@ Max. 20fps Typical value 15fps	1920×1080@Max.10fps Typical: 15fps
RGB angle of view	120°×90 °	61°×90 °
Distance ranges	0.05-8 m (90% reflectivity) 0.05-5 m (10% reflectivity)	0.05-18 m (90% reflectivity) 0.05-10 m (10% reflectivity)
Accuracy	≤3cm	≤3cm
Average and peak power consumption	≤4W&28W	≤7W
Laser wave length	940 nm	940 nm
Size (length x width x height)	80mm×37mm×25mm	92mm×47mm×51mm
Weight	190g	460g
Power supply	12-28V	24V
Communication interface	Ethernet/GMSL/IO	Ethernet/GMSL/IO
Level of protection	IP54	IP67
Working temperature	-20°C~60°C	-20°C~60°C
Storage temperature	-40°C~85°C	-40°C~85°C
Software environment	C/C++/ROS SDK	C/C+/ROS SDK
Support operating system	Windows7/8/10/11, Linux, Arm Linux/ROS	Windows 7/8/10/11, Linux, Arm Linux/ROS
Ambient light resistance	100Klux	100Klux