

XGRIDS Lixel K1 Specs



Specification

Device Performance

Power input	14.4V
Power consumption	<20W
Weight	1kg
Data interface	USB3.1 Gen2
Storage Capacity	TF card 256G (Replaceble)
Connection mode	Wifi/Bluetooth
Operating temperature	-20°C~50°C
Protection level	IP54
Product shell	Navigational Aluminum
Power supply	Fast-lock battery/external power
Operating Time	1.5h
Battery capacity	28.8wh
Number of Cameras	4
Visual-Aided Positioning	Supported
APP WiFi distance	20m
RTK module	Supported

Scan Performance

Laser lines	40
Laser Class	Class1 / 905nm
Relative Accuracy	1.2cm
Absolute Accuracy	3cm
Repeat Accuracy	2cm
Horizontal Accuracy	0.015°
Working Range	0.1m~40m@10%, 70m@80%
LiDar FOV	360°*-7~+52°
Scan mode	Mobile
Scan speed	200,000 points/s
Resume Scanning from Breakpoint	Supported

Visual Module

Camera FOV	Color panorama HDV 360°*360°
Camera resolution	5.6 million

