

XGRIDS LixelKity K1



Model: CZ01020004

Manufacturer: XGRIDS

EAN: 4251522825084

Product Code: 1411786

R174,224

XGRIDS LixelKity K1

The LixelKity K1 is an extremely compact and lightweight handheld scanner that revolutionizes the process of creating 3D models. Designed with both professionals and 3D enthusiasts in mind, the LixelKity K1 offers extremely intuitive operation and convenient scanning. Generate precise, colorful models with centimeter accuracy in real time, enjoying ease of use from the first moment.

Advanced technology in a compact form

At the heart of the device is the advanced integration of a panoramic camera and precision LiDAR, scanning the environment in 360 degrees horizontally. The 36-million-pixel imaging produces detailed and realistic point clouds in full color right on the device. The whole device is enclosed in a rugged aluminum alloy housing, weighing just 1 kg, along with a battery that lasts for 90 minutes of continuous operation, guaranteeing exceptional mobility and comfort.

Versatile applications and intuitive operation

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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With a full 360°x360° panoramic field of view, the LixelKity K1 doesn't miss any details, making it an ideal tool for a variety of applications - from creating digital twins (Digital Twins) and Scan-to-BIM models, to use in film production, gaming or heritage documentation in tourism. Its extremely low entry threshold and ease of use make professional data collection and 3D modeling simpler than ever before - scan the way you want.

Included

- Lixelkity K1 Handheld Scanner
- Lixel Studio Perpetual License (3 devices)
- Lixelkity K1 rechargeable battery
- Charger
- Type C cable
- Manual
- Warranty Card
- Cleaning cloth
- Case

General

Power input	14.4V
Weight	1kg
Memory	TF card 256GB
Power consumption	<20W
Data interface	USB 3.1 Gen2
Operating Temperature	-20~50°C
Degree of Protection	IP54
Housing material	Aluminum Navigation
Power supply	Fast Lock battery
Operating Time (on one battery)	1.5h
Battery Capacity	28.8wh

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Number of Cameras	4
WiFi Range of Application	20m
Possibility to install RTK module	Yes
Video assisted positioning	Yes

LiDAR

Relative Accuracy	1.2cm
Repeatable accuracy	2cm
Absolute Accuracy	3cm
Horizontal accuracy	0.015°
Laser class	Class1/905nm
Working Range	0.1m~40m@10%, 70m~80%
Scanning Mode	Mobile
LiDAR FOV	360°*-7~+52°
Scanning Speed	200,000 points/second

Vision Module

Camera FOV	Color panorama HDV 360°*360°
Camera Resolution	48 MP X2
Panoramic Photo Resolution	Max 56MP

Data and Memory

Calculation Mode	Real-time/mixed computing
Point Cloud Format	.forest
Point Cloud in color	Yes

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Data processing software Lixel Studio

Gross weight: 3160, Net weight: 2570, Box length: 33,50, Box width: 18,00, Box height: 28,50,
Information about data generation: <https://dataact.innpro.pl/xgrids/4251522825084>, GPSR Link:
https://psr-assets.innpro.pl/creative_technologies/sg_creative_technologies_3d_scanners.pdf

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