![GreenValley International logo] **GreenValley International**

LiPod
Light Weight and Affordable
3D Scanner

LiPod by GreenValley International makes terrestrial 3D laser scanning (TLS) easier and more affordable than ever before. Its compact and lightweight design makes this high accuracy LiDAR surveying solution easy to transport and operate. LiPod allows users to quickly survey large interior and exterior sites without the need for inserting registration targets.

Lightweight Design
The device weighs only 3.0 kg (6.6 lbs) and is equipped with a carbon fiber tripod.

Cost-effective Reliability
The widely adopted VLP-16 sensor from Velodyne LiDAR powers this accurate 3D laser scanning system at an attractive price.

Wireless Control
Connect to and control the system from any WiFienabled device. No cables required.

Automatic Leveling
An integrated high-precision, dual-axis compensator allows users to save time leveling the device at each scanning location.

Multi-Sensor Integration
The multiple sensor design with a panoramic camera makes the LiPod more than just a simple 3D laser scanner.

Full Solutions
Build seamless workflows using various pre and post-processing software solutions from GVI to satisfy the needs for various industries.
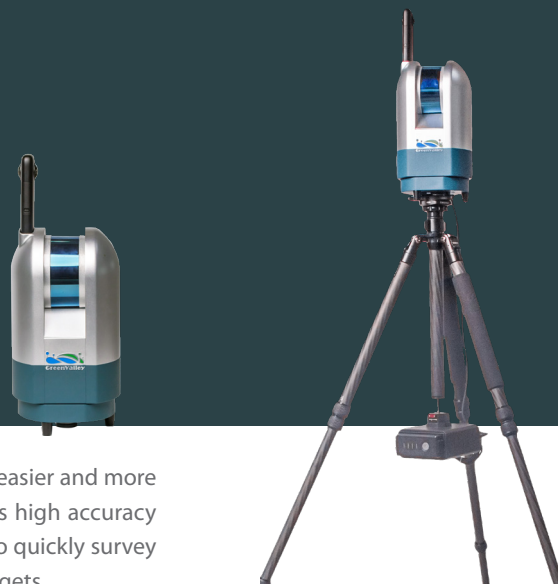
Specifications

System Specifications

Dimensions [1] (mm)	150×256.5mm	Battery	5700mAh
Weight [1] (Excl. Battery)	3.0 kg	Battery Life	~4 h / Battery
Storage Capacity	128 GB SSD	Ports	USB, Network
Suitable Environment	Indoor and Outdoor	Processor	2 Cores and 4 Threads
System Control and Data Display	Wireless Mode	Smartphone/Tablet Connect via WIFI, Simultaneous Control and Display	
	Wireless Mode	Wire Connection between System and Tablet, Control and Data Transmission	

Data Output

Relative Accuracy	≤3cm[2]	Absolute Accuracy	≤15cm [2]
Point Cloud Data Format	las, laz, ply, LiData		

Sensor Specifications

Laser Sensor	VLP16	Range Accuracy	±3 cm
Verticle FOV	-15°~ 15°	Horizontal FOV	0°~360°
Maximum Range	100 m		

Camera Specification

Camera	Panoramic Camera	Resolution	18 MP
Sensor Size	1 inch		

[1] The camera module and GNSS module are optional, the weight and dimension of the system may vary depending on the choice of modules.
[2] May be affected by environmental and route planning factors.

Forestry Surveying

Indoor Mapping

Building Maintenance