

ExynPak™

SYSTEM SPECIFICATIONS



SYSTEM

Weight (incl. battery)	3.5 kg
Size (H x W x L)	320 x 220 x 175 mm
Operating Temperature	-20° to 45° C

CAPABILITIES

GPS-Required	No
Low/No-Light Operation	✓

GIMBALLED LIDAR

Laser Safety Class	1
Field Of View	360° horizontal
Rotation Frequency	20 Hz
Gimbal Rotation	~2Hz
Max Range	100 m @ 80% Surface Reflectance
Points Per Second	~600,000
Return Type	Dual with Intensity
Range Accuracy	Up to ±3 cm

OUTPUT

Real-Time Data Visualization	✓
Data Collection Replay	✓
Point Cloud	XYZ, Intensity
Point Cloud Formats	LAS, PLY, XYZ
Other Outputs	Trajectory

CONTROL UNIT

CPU	Intel Core i7
RAM	32GB DDR4
Storage	512 GB internal SSD
Interfaces	USB 3.0, WiFi

POWER

DC Input	24 V
Power	75 W

BATTERY*

Batteries Included	2
Nominal Voltage	24V (6S)
Battery Capacity (each)	130 Wh
Battery Chemistry Type	Li-Ion
Typical Operating Time	4 hours

TABLET

Model	14", IP-65
Interface	Capacitive Touchscreen
Operating System	Ubuntu 16.04
Software Interface	ExynView™, mission control & live data streams
Communication	2.4GHz & 5.8GHz WiFi WPA2 encryption
Weight	3.1 kg

CASE

Internal Size (H x W x L)	53.3 x 40.6 x 30.5 cm
External Size (H x W x L)	61 x 48.3 x 33 cm
Shipping Weight	19 kg

*Preliminary specification, subject to change before delivery.