



ExynPak™

SYSTEM SPECIFICATIONS

| SYSTEM | | CONTROL UNIT | |
|------------------------------|---------------------------------|---------------------------|--|
| Weight (incl. battery) | 3.15 kg | CPU | Intel Core i7 |
| Weight (w/o battery) | 2.45kg | RAM | 32GB DDR4 |
| Size (H x W x L) | 152 x 140 x 370 mm | Storage | 512 GB internal SSD |
| Operating Temperature | -20° to 45° C | Interfaces | USB 3.0, WiFi |
| CAPABILITIES | | POWER | |
| GPS-Required | No | DC Input | 24 V |
| Low/No-Light Operation | ✓ | Power | 75 W |
| GIMBALLED LIDAR | | BATTERY* | |
| Laser Safety Class | 1 | Batteries Included | 2 |
| Field Of View | 360° horizontal | Nominal Voltage | 24V (6S) |
| Rotation Frequency | 10 Hz | Battery Capacity (each) | 130 Wh |
| Gimbal Rotation | ~1Hz | Battery Chemistry Type | Li-Ion |
| Max Range | 100 m @ 80% Surface Reflectance | Typical Operating Time | ~3 hours |
| Points Per Second | ~600,000 | TABLET | |
| Return Type | Dual with Intensity | Model | 14", IP-65 |
| Range Accuracy | Up to ±3 cm | Interface | Capacitive Touchscreen |
| OUTPUT | | Operating System | Ubuntu 16.04 |
| Real-Time Data Visualization | ✓ | Software Interface | ExynView™, mission control & live data streams |
| Data Collection Replay | ✓ | Communication | 2.4GHz & 5.8GHz WiFi WPA2 encryption |
| Point Cloud Colorization | ✓ | Weight | 3.1 kg |
| Point Cloud | XYZ, Intensity | CASE | |
| Point Cloud Formats | LAS, PLY, XYZ | External Size (H x W x L) | 28 x 41 x 53.4 cm |
| Other Outputs | Trajectory | Shipping Weight | 20.5 kg |
| RGB Cameras | | Accessories* | |
| Model | FLIR Chameleon3 | Hand-carry Mount | ✓ |
| Field of View | 220° | Industrial Vehicle Mount | ✓ |
| # of Cameras | 2 | | |
| Megapixels / Frame Rate | 5MP / 35 FPS | | |

*Preliminary specification, subject to change before delivery.