

## YellowScan Catalog

YellowScan® Integrated Systems include multi-echo laser scanner, GNSS RTK+PPK receiver, bi-frequency L1/L2 calibrated IMU, 2 integrated batteries, power and data cables and data pre-processing software to produce geo-referenced point cloud.

### YellowScan® Vx

Weight: 2.5/3 kg battery included  
Size: L 330mm x W 120mm x H 150mm  
Autonomy: 1.5h typ.



### YellowScan® Surveyor Ultra

Weight: 1.7 kg battery included  
Size: L 116mm x W 150mm x H 140mm  
Autonomy: 1.2h typ.



### YellowScan® Surveyor

Weight: 1.6 kg battery included  
Size: L 100mm x W 150mm x H 140mm  
Autonomy: 1.5h typ.



### YellowScan® Mapper II

Weight: 2.1 kg battery included  
Size: L 154mm x W 203mm x H 176mm  
Autonomy: 2h typ.



### YellowScan® LiveStation

Software for a real-time 3D representation of the point cloud during flight and summary of the system's status (speed, altitude, INS)



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## Products

Product	Description
YellowScan® Mapper II	<ul style="list-style-type: none"> <li>- Multi-echo IBEO Lux Laser Scanner</li> <li>- Calibrated APX-15 GNSS-inertial board</li> <li>- GNSS antenna and cable</li> <li>- Integrated battery (+ one spare)</li> <li>- Battery charger and data cables</li> <li>- 3 x connectors for external sensor/camera</li> <li>- POSPac UAV and data pre-processing software</li> <li>- 1 year warranty</li> </ul>
YellowScan® Surveyor	<ul style="list-style-type: none"> <li>- Multi-echo Velodyne Puck Laser Scanner</li> <li>- Calibrated APX-15 GNSS-inertial board</li> <li>- GNSS antenna and cable</li> <li>- Integrated battery (+ one spare)</li> <li>- Battery charger and data cables</li> <li>- 3 x connectors for external sensor/camera</li> <li>- POSPac UAV and data pre-processing software</li> <li>- 1 year warranty</li> </ul>
YellowScan® Surveyor Ultra	<ul style="list-style-type: none"> <li>- Multi-echo Velodyne Ultra Puck Laser Scanner</li> <li>- Calibrated APX-15 GNSS-inertial board</li> <li>- GNSS antenna and cable</li> <li>- Integrated battery (+ one spare)</li> <li>- Battery charger and data cables</li> <li>- 3 x connectors for external sensor/camera</li> <li>- POSPac UAV and data pre-processing software</li> <li>- 1 year warranty</li> </ul>
YellowScan® Vx-15	<ul style="list-style-type: none"> <li>- Multi-echo RIEGL miniVUX-1UAV Laser Scanner</li> <li>- Calibrated APX-15 or APX-20 GNSS-inertial board</li> <li>- GNSS antenna and cable</li> <li>- Integrated battery (+ one spare)</li> <li>- Battery charger and data cables</li> <li>- 3 x connectors for external sensor/camera</li> <li>- POSPac UAV and data pre-processing software</li> <li>- 1 year warranty</li> </ul>
YellowScan® Vx-20	<ul style="list-style-type: none"> <li>- Multi-echo RIEGL miniVUX-1UAV Laser Scanner</li> <li>- Calibrated APX-15 or APX-20 GNSS-inertial board</li> <li>- GNSS antenna and cable</li> <li>- Integrated battery (+ one spare)</li> <li>- Battery charger and data cables</li> <li>- 3 x connectors for external sensor/camera</li> <li>- POSPac UAV and data pre-processing software</li> <li>- 1 year warranty</li> </ul>
YellowScan® LiveStation	<ul style="list-style-type: none"> <li>- Real-time 3D point cloud visualization (including zooming, translation, rotation)</li> <li>- Live transect and trajectory visualization</li> <li>- Speed, altitude, IMU &amp; GNSS controls</li> <li>- Mission replay</li> <li>- 2 x 2.4GHz radio-modems (weight: 90g including antenna and cable, up to 1W)</li> <li>- Operating on Windows 7 to 10 and Linux</li> </ul>