YellowScan LiveStation

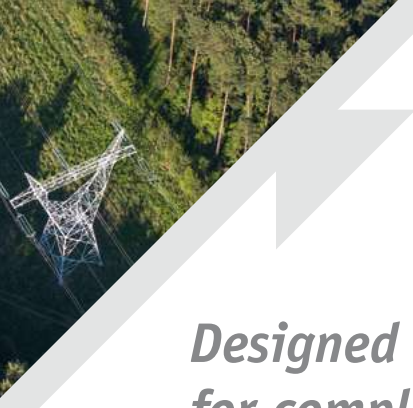
Real-time in-flight LiDAR station

YellowScan LiveStation enables you to monitor in real time the validity and quality of the data being collected by the YellowScan LiDAR systems, to ensure that the survey is going smoothly.

A must for long endurance or critical Lidar flights.

- Live 3D point cloud visualization (including zooming, translation, rotation)
- Live transect and trajectory visualization
- Speed, altitude, IMU & GNSS
- Mission replay

YellowScan



Designed by surveyors for surveyors, for complex and long endurance flight operations, YellowScan LiveStation uses cutting-edge visualization design.

YellowScan LiveStation

YellowScan LiveStation provides system operators with the immediate and relevant information needed to ensure a smooth acquisition even in difficult working conditions.

YellowScan LiveStation renders a real-time, three-dimensional representation of the point cloud during flight, with ability to zoom, translate or rotate. Simultaneously, the user interface presents an immediate summary of the system's status.

The transect view easily allows the operator to check in real-time whether the LiDAR is able to penetrate a forest's canopy and sample its ground.

Missions can later be replayed for analyzing flight conditions and data.

Live visualization during flight and mission replay

- Point cloud (Top or 3D view)
- Flight trajectory
- Transect (LiDAR position, first and last echoes)
- Attitude

Navigation controls & status

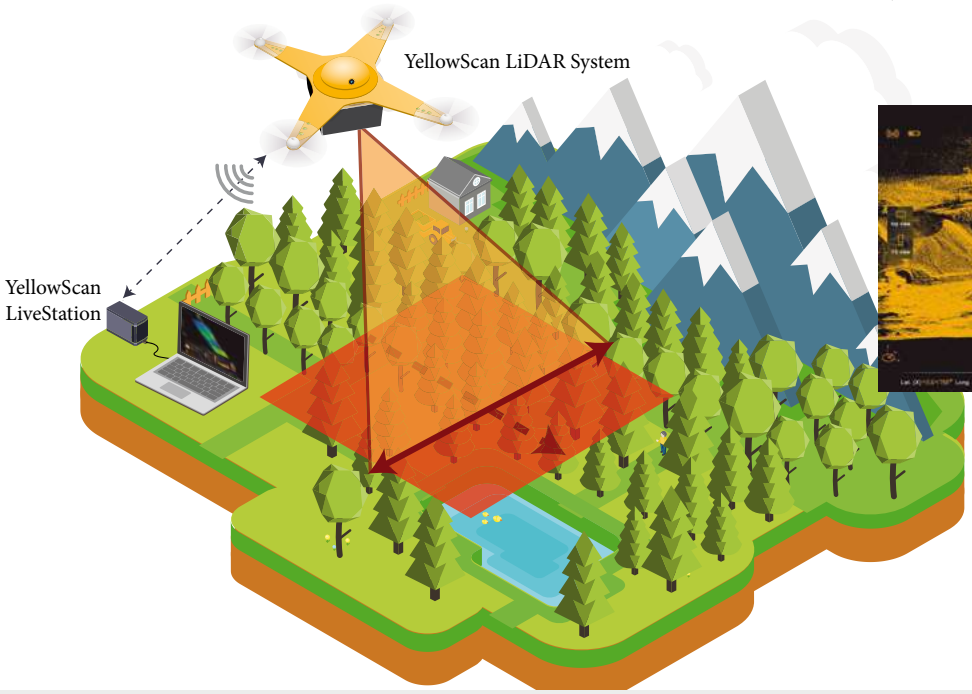
- IMU & GNSS
- Speed
- Altitude
- Elapsed Time
- Radio signal

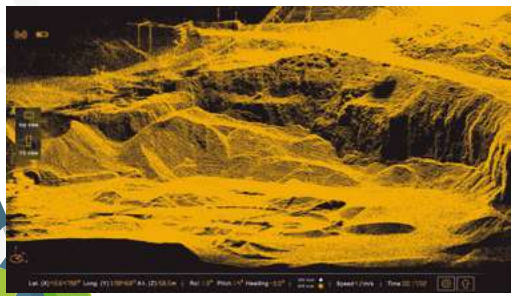
Viewer parameters

- Point size and color
- Quick preset views

Technical specifications

- Operating on Windows 7 to 10 and Linux
- Connection to the YellowScan systems using 2.4Ghz radio-modems (weight: 0.20 lbs including antenna and cable, 500mW) or serial cable for manned aircrafts.





YellowScan LiveStation,
real-time in-flight LiDAR station.

YellowScan

www.yellowscan-lidar.com

contact@yellowscan-lidar.com ■ T.: +33 411 931 400 ■ www.yellowscan-lidar.com ■ 1, chemin du Fescau ■ 34980 Montferrier sur Lez - France