

YellowScan Launches Real-time In-flight Lidar Station



YellowScan has announced the launch of the YellowScan LiveStation, developed to enable surveyors to monitor in real time the validity and quality of the data being collected, to ensure that the survey is going smoothly.

The solution features live 3D point cloud visualisation (including zooming, translation, rotation), live transect and trajectory visualisation, speed, altitude and IMU & GNSS controls, and mission replay. YellowScan LiveStation will be presented at the International LiDAR Mapping Forum (ILMF 2017) in Denver, Colorado, USA.

Real-time point cloud

Designed by surveyors for surveyors, for complex and long endurance flight operations, YellowScan LiveStation uses first-rate visualisation design and provides system operators with the immediate and relevant information needed to ensure a smooth acquisition, also in difficult working conditions.

The new solution 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 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 analysing flight conditions and data.

UAV mapping solutions

YellowScan designs, develops and produces [UAV mapping solutions](#) for professional applications. These highly automated data collection tools are used by customers around the world in fields such as surveying, forestry, environmental research, archaeology, corridor mapping, civil engineering and mining.