

AltiGator and YellowScan Unveil 5.6kg Survey-grade Lidar UAS



AltiGator and YellowScan have launched an ultra-light weight Lidar UAS combo allowing centimetric UAV surveys in urban areas, in accordance with most regulations. The YellowScan Surveyor ultra-light stand-alone Lidar system is embedded on the OnyxStar XENA multirotor UAV, which is the last generation professional UAV designed by AltiGator.

The compact and foldable Xena is the result of the analysis of users' operational needs and months of Research & Development in order to release this versatile "off-roader" type of UAV. Dust proof, it can be transported either in a small-size case, or even as a backpack, which makes it a good solution to perform survey, mapping, environmental and mining monitoring of areas up to 100 ha on any type of field.

With a total take-off weight of 5.6kg including the YellowScan Surveyor system, the aircraft can navigate autonomously up to 25 minutes with 1 single battery, and can also lift a combined camera to mix Lidar scanning and photogrammetry. Years of partnership between YellowScan and AltiGator and numerous references worldwide demonstrate the effectiveness of their systems.

For more detailed information visit www.yellowscan.fr.