

LidarUSA Introduces Long-endurance Multicopter Lidar Solution



LidarUSA has announced the integration of its UAV-scanning systems with the Harris Aerial H4/H6 Hybrid multicopters. As surveyors and mappers experience growth, they take on ever-larger projects, making longer flight times increasingly important. The Harris Hybrid can provide such flights, with Lidar and industrial-grade cameras allowing for far greater coverage in a single flight.

“The beauty of the Harris Hybrid is that the pilot continues to enjoy the flexibility of a multicopter, availability of fuel and relatively compact packaging at an affordable price,” says Jeff Fagerman, CEO of [LidarUSA](#). “While it is louder than an all-electric system, for particularly large, rural projects it is a very nice solution.”

[Harris Aerial](#), an innovative drone manufacturer from Florida, USA, builds and sells heavylift hybrid multicopters. These copters use a small generator running on 95 (or higher) octane fuel to power the UAV for up to 5 hours. The Carrier H6 can carry an A-series HD Lidar system of 3kg for 2.5 hours and a V-series of 5kg for up to 1.5 hours. The benefit of this system is the multicopter meets and exceeds all the user's expectations.

For the Lidar operator this translates into most projects requiring only one or two flights at most. On projects that are relatively flat with a clear line of sight (LOS) to the horizon in all directions, these systems can cover everything legally possible in a single flight.

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