

Cepton Unveils Long-range SORA-P60L Lidar for UAVs



[Cepton Technologies](#), a provider of 3D Lidar solutions for automotive, industrial, security and mapping applications, has unveiled the newest product in its SORA family of scanning Lidar sensors. Released at AUVSI Xponential 2019, the SORA-P60L is purpose-built to deliver long-range, high-resolution imaging for unmanned aerial vehicles (UAVs).

The SORA-P60L has a 400Hz frame rate, enabling drones to fly faster while maintaining high point cloud density. With a 550 gram payload, the SORA-P60L prolongs UAV flight time allowing more ground to be covered in a single trip. Cepton's unique Micro-Motion Technology (MMT) faces all lasers downward at all times, providing a uniform point cloud that is over four times denser than other solutions. This, in combination with the high scan rate, makes the SORA-P60L the ideal solution for fixed wing and fast-moving rotary wing

UAVs.

"Cepton's SORA-P60L leads the Lidar industry with its best-in-class point cloud density that provides superior imaging for UAVs. With the affordable price point, long-range capabilities and high frame rate of SORA-P60L, UAVs can capture data faster and build more accurate maps," said Neil Huntingdon, Cepton's VP of business development. "SORA-P60L is our first product from the SORA family that we have unveiled this year. We see a lot of opportunities for this unique sensor in other markets and have a number of products in development that will be revealed later this year."

For more information, visit www.cepton.com/.