

LiDAR USA

Applied BX305 GNSS RTK Boards as Base & Rover for UAV-based Systems

LiDAR USA, found in 1999 in Alabama, provides solutions for GIS, surveying, civil engineering, agriculture, forensics, BIM, heritage mapping, etc. To cater the needs of aerial survey and mapping market, it applied several GNSS offerings to deliver its ScanLook Series. Precis-BX GNSS RTK boards are one of them.



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We have used the Precis-BX305 as a base and rover, with the rover mounted on our [ScanLook Revolution] system. Revolution uses VectorNav VN-300, which has two L1 GPS receivers. By adding the Precis-BX305 onboard, and post processing its results, we can fit the VN-300 trajectory onto the Precis-BX305's trajectory, thereby getting centimeter-level results.

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Jeff Fagerman, CEO of LiDAR USA

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