

Launch brief

LightCone

Production-grade ground truth for autonomy, at scale.

Launch facts

Launch date: Q1 2025

Available: Q1 2025

Target buyer: Automakers, AV technology companies, robotics firms, simulation platforms, and data-labeling vendors that need production-grade LiDAR ground-truth data for perception model training and HD mapping without operating their own collection fleet.

Why it matters

1. Automotive-grade LiDAR, 4K calibrated camera, high-precision IMU, and tri-band GNSS with RTK are fused on-device and delivered as geo-referenced training data from a globally distributed fleet you don't have to operate.
2. Factory LiDAR-to-camera calibration and centimeter-level RTK positioning mean colorized point clouds arrive training-ready with no field recalibration or customer-side alignment pipeline required.
3. A contributor network with 2.8M+ km captured since September 2024 provides on-demand geographic coverage and long-tail edge-case data at a scale most perception teams can't build themselves.

From leadership

“For any modern training pipeline that uses vision as a primary modality, LiDAR ground truth isn't optional. It's how the model learns depth.”

ROVR Network