



Draganfly Draganfly Long-Range LiDAR

Draganfly's Long-Range Light Detection and Ranging (DLR-LiDAR) system provides accurate distance measurements and improved resolution over conventional photogrammetry methods.

Our cutting-edge sensor technology can be used for mapping and surveying a variety of locations including those with dense ground cover such as tree canopies.



PROUDLY MADE IN NORTH AMERICA

The DLR-LiDAR system is exclusively **manufactured in Canada** using Canadian components.

Key Features

- **0.5cm point** cloud precision
- **2cm global accuracy** up to **2 million** points per second data collection rate
- **4 laser returns** enable high levels of **vegetation penetration** for bare earth modeling
- **Class-leading point cloud fidelity** due to low beam divergence up to **750m range**
- Compatible with **cars**, **remotely piloted aircraft systems (RPAS)** and **helicopter-mounted** operations

Component Improvements

- Gigabit data transfer enables **faster download** of datasets
- Software interface provides a more **streamlined setup** and **data download**
- **Camera integration** for aerial and ground-based surveys