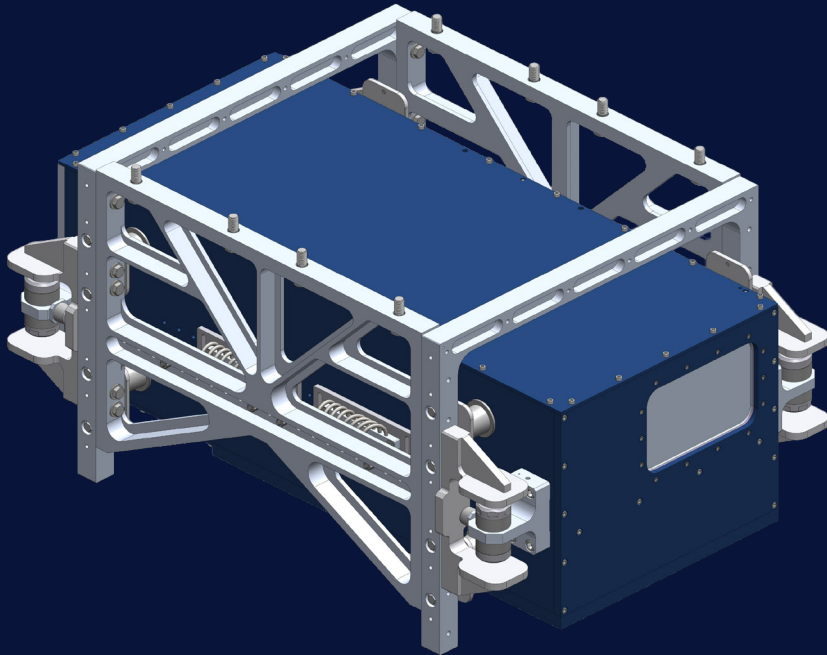




Wrangell

Next generation lidar

Horizontal orientation inside external pod | 295 lbs | fits inside Avcon pod



FLYING HEIGHT

5,000 – 16,000 ft

MEASUREMENT RATE

16 – 20 million denoised
points/sec

DETECTOR PIXELS

8,000

ANGULAR RESOLUTION

76 μ rad

TYPICAL VERTICAL PRECISION

5 cm

LASER POWER

50 Watt

EXAMPLE WRANGELL COLLECTION

Altitude: 8,000 ft

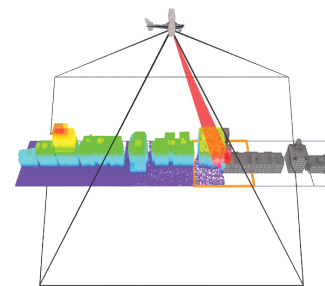
Area collection rate: 190 km² / hr

Color by height above ground



Agile geo-referenced scanning

Lidar systems collect from 4 - 6 viewpoints in a single pass. The combined scans mitigate shadows under forest canopies and within urban canyons.

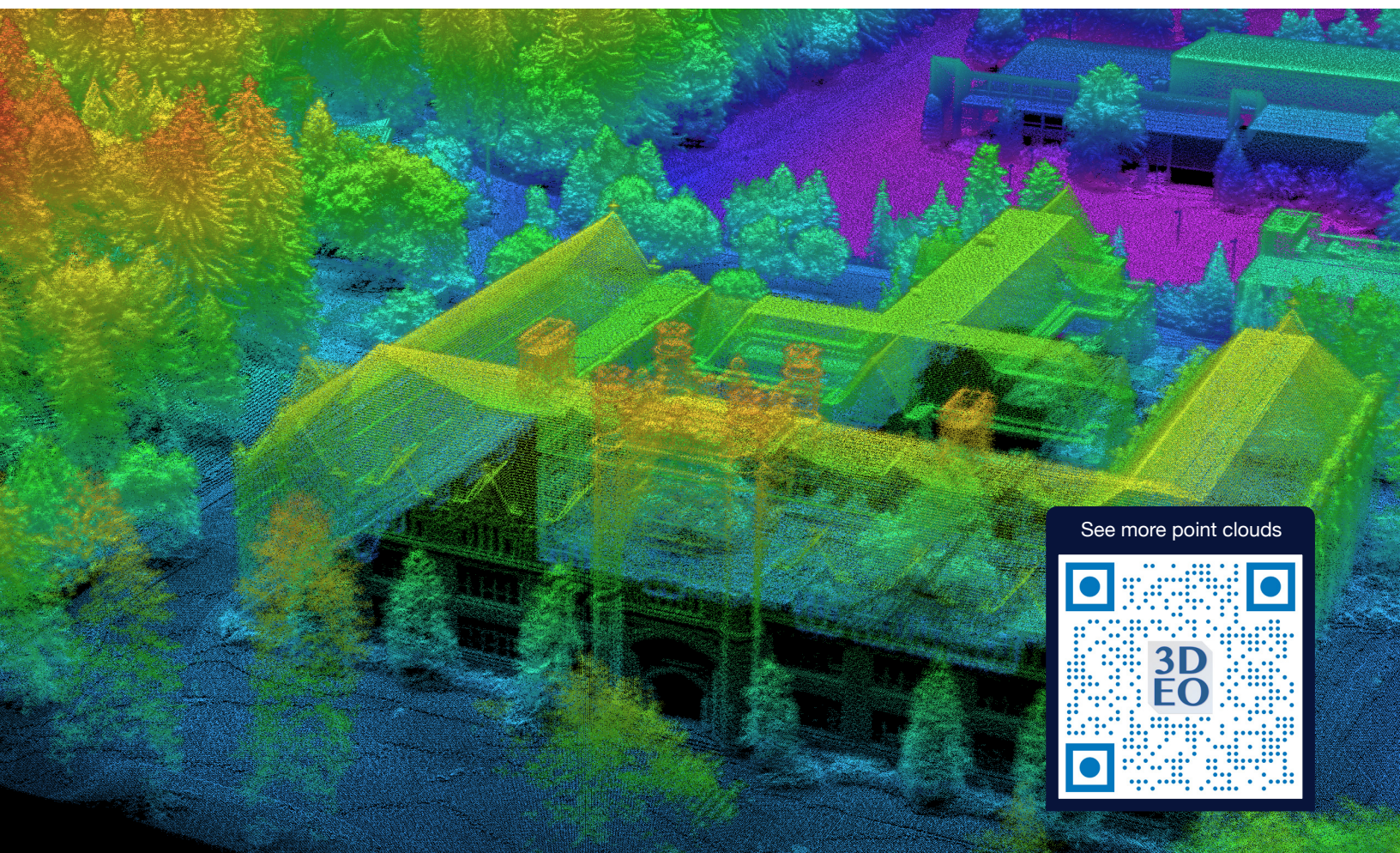


Acadia

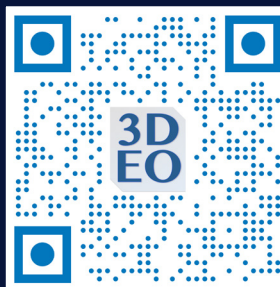
Acadia is 3DEO's software suite for processing raw lidar data into finished high-density 3D point clouds, complete with derived metadata such as relative reflectivity, height above ground and point confidence.

- ✓ Scalable across a compute cluster for elastic capability
- ✓ Accommodates third party modules into standard workflows
- ✓ Licensed on a per-sensor basis

Watch our explainer video



See more point clouds



3DEO, Inc.

sales@3deolidar.com | www.3deolidar.com

106 Access Road, Suite 106, Norwood, MA 02062 USA

@3deolidar

