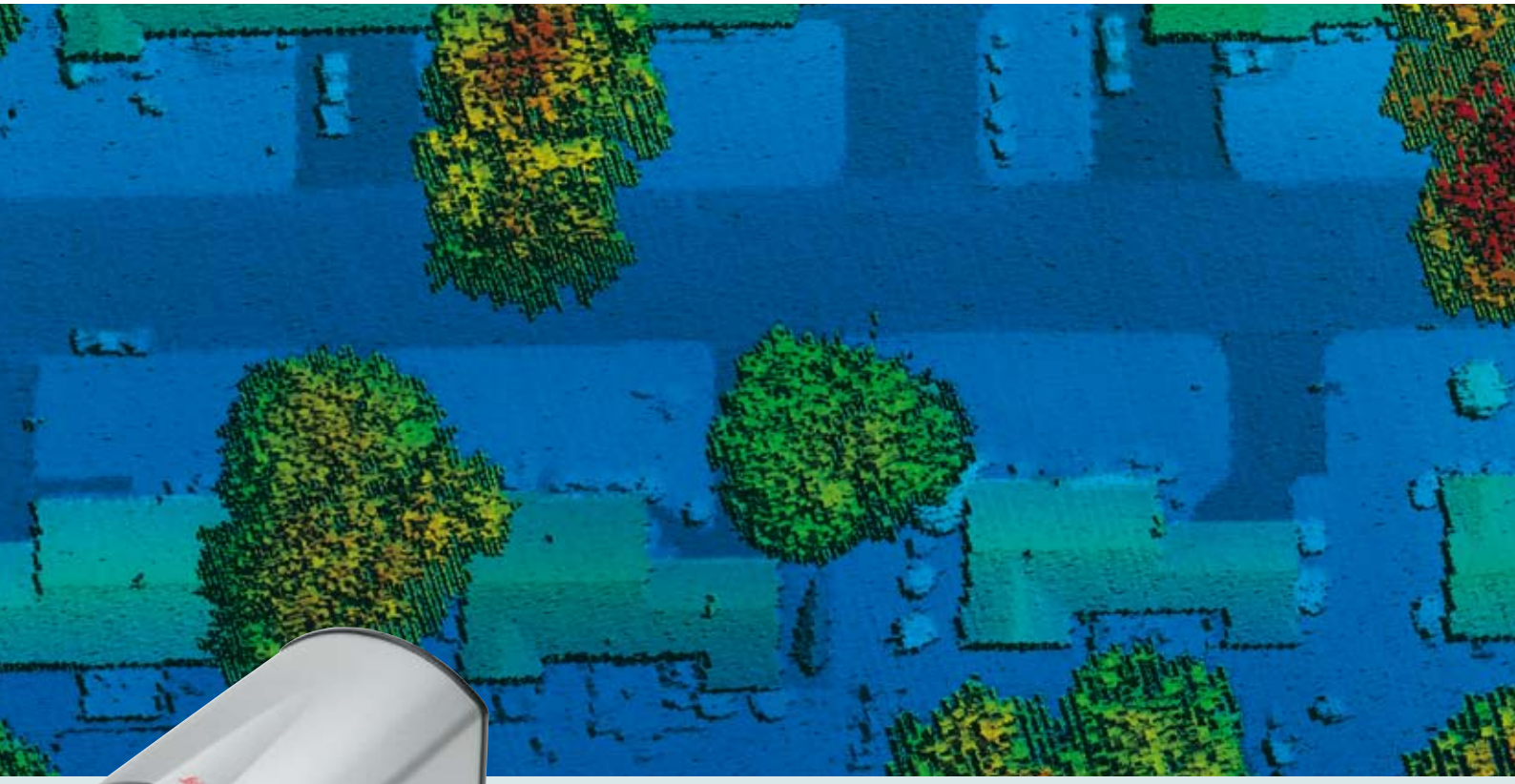
Leica ALS60 Airborne Laser Scanner

Now with 200 kHz "At-the-Ground" Pulse Rate



The new Leica ALS60 Airborne Laser Scanner builds on the legacy of productivity, accuracy and flexibility that have made Leica Geosystems' ALS-series instruments the fastest-selling airborne LIDAR systems in the industry. Continued technical advancements result in a new generation of LIDAR systems that are more productive than ever before.

Leica ALS60 Key Benefits

- **Performance** – industry-leading pulse rate, FOV, aperture and MPiA
- **Accuracy** – high-fidelity laser pulses, regardless of pulse rate
- **Flexibility** – corridors to country-wide mapping, inside or in pods
- **Productivity** – world's fastest Multiple Pulses in Air (MPiA) sensor
- **Efficiency** – fast point-cloud processing, with quick-look capability and easy-look-up annotated digital images
- **Mobility** – region-adapted components

- when it has to be **right**

Leica Geosystems

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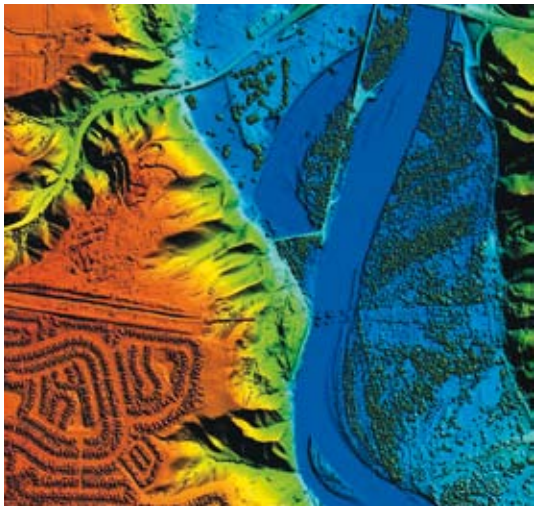
Leica Geosystems’ third-generation LIDAR system, the Leica ALS60, continues to break traditional paradigms such as having to choose between rapidly-acquired, high-density data and achieving outstanding accuracy – or having to choose between a compact system and one with high-altitude performance. The Leica ALS60 allows accurate data collection independent of pulse rate, depending instead only on flying height. And it‘s flying height envelope ranges from a helicopter-compatible 200 m AGL to 5000 m AGL for wide-area mapping. Now, more than ever, Leica ALS60 is redefining the power of LIDAR mapping.

Leica ALS60 flexibility – quickly reconfigurable for inside or pod mounting, thanks to the low-profile Leica LS60 scanner

Leica ALS60 delivers accurate data faster

LIDAR jobs come in all sizes, from city mapping applications requiring ultra-high point densities to large-area contracts with lower point densities best served from greater flying heights. You are losing the productivity-doubling advantage of Leica ALS60’s MPiA technology if you are choosing a LIDAR brand with a deficient MPiA.

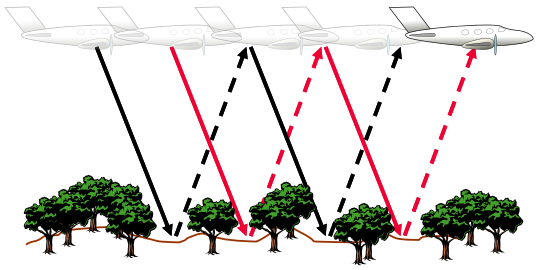


Big jobs or small – high pulse rates for high point density or wide FOV and high altitude for fast coverage over large areas (image courtesy North West Group)

Leica ALS60 advantages include:

- High pulse rates without sacrificing height accuracy
- Multiple Pulses in Air (MPiA) option allows doubling of pulse rates all the way to 5000 m AGL
- Wide 75 degree FOV for maximum coverage and the industry’s largest roll compensation range
- High 100 Hz maximum scan rate for tight along-track post spacing in urban data acquisition
- Seamless integration with Leica FPES Flight Planning and Evaluation Software and FCMS Flight and sensor Control Management Software
- Multiple interface ports for integration of external imaging sensors, such as the Leica RCD105
- Real-time coverage verification assures complete job capture
- Integrated XGA-resolution camera stores images with annotation for post-mission reference

From the world leader in scanning laser distance measurement, Leica ALS60 offers maximum productivity without sacrificing flexibility. The point density you want, the accuracy your need.



MPiA that really works – Leica ALS60 carries the MPiA envelope all the way to 5000 m AGL, doubling your productivity

TQM
ISO 9001 / ISO 14001

Total Quality Management – our commitment to total customer satisfaction.

Ask your local Leica Geosystems dealer for more information about our TQM program.

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