

## DT26X + LiDAR

~ PACKAGE ~

### THE LONG RANGE LiDAR UAV

100 km  
FLIGHT RANGE

1.5 hours  
ENDURANCE

14 kg  
WEIGHT

10 mm  
RANGE ACCURACY

# DT26X

LiDAR

## THE LONG RANGE, BVLOS-CERTIFIED INTEGRATING A LASER SENSOR

The DT26X is the first long range UAV carrying a LiDAR sensor. Thanks to its endurance and robustness to harsh conditions, the DT26X LiDAR is the perfect tool for surveys in large areas with dense vegetation or power lines inspection. The RIEGL technology offers you a high density of points with a range that is perfectly adapted to a UAV platform. Thanks to the laser scanning technology, Delair-Tech positions itself on the high-survey grade.

### LiDAR

Field of View	230°
Max. measure rate	Up to 350,000 meas./sec
Max. range @ target reflectivity 20%	550 m
Min. range	3 m
Range accuracy	10 mm
Eye safety class	Laser class 1

### UAV

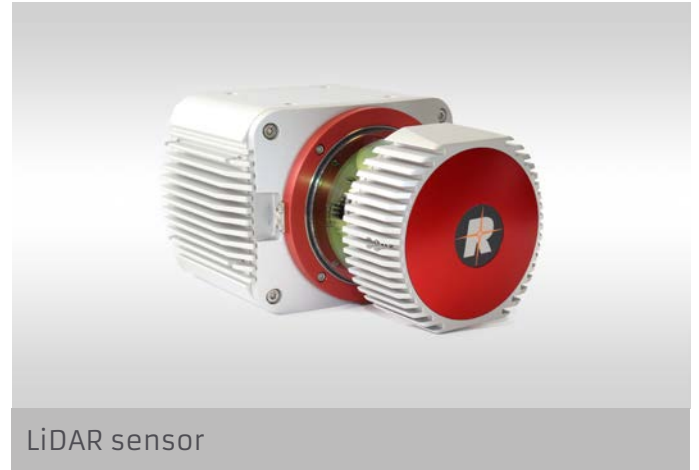
Wingspan / Length	3.3 m / 1.6 m
Cruise speed	50 km/h ( 27 kts )
Range / Endurance	150 km / 1.5 hours
Encryption	AES128 for C2 / AES256 for data
Safety System	Parachute in case of emergency
Takeoff/landing	Catapult/belly
High Precision PPK GNSS IMU (option)	Dual-band GNSS (L1/L2). Position accuracy down to 2 cm. Angle accuracy 0.025°.

The complete autopilot, navigation and safety systems have been approved by the French CAA. The safety system works on a progressively-escalating scheme ensuring unmatched reliability of the system.

Takeoff is done either by hand or with the DT-Launcher system. Belly landing is autonomous & accurate and only requires a small landing zone.

The DT26X is the most performant UAV in the Delair-Tech fleet and is actively used by some of the largest industrial organizations.

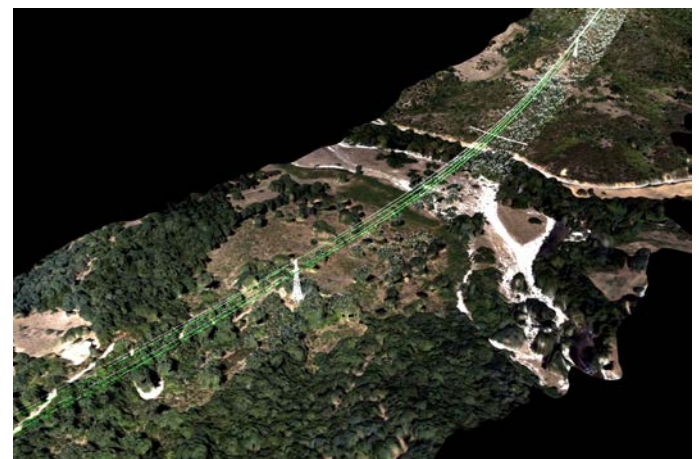
The DT26X is easily transported in its rugged flight case or in the DT26X backpack : just pick the option that suits you best.



LiDAR sensor



The DT26X is ready to fly long distances



Images processed with the Lidar sensor

