

DT26X
AIRFRAME

THE ULTRA – LONG RANGE UAV

The DT26X is the largest UAV in the Delair-Tech fleet yet only tips the scales at 14 kg. Its range and endurance is unrivaled by any other battery-powered UAV in its class (with up to 4kg payload capacity). With the DT26X you get the ability to both complete the longest of missions and to carry high performance payloads previously only available to manned aircraft.

APPLICATIONS

- Surveillance & Reconnaissance
- Linear Infrastructure Monitoring
- High value added sensors

Wingspan / Length	3.3m / 1.6 m
MTOW	15kg
Cruise Speed	50 km/h (27kts)
Wind Resistance	75km/h (41kts)
Communication Range	Up to 20 km (C2 & Data)
BVLOS telecom	3G <small>(optional add-on)</small>
Range / Endurance	150 km/ 2.5 hours
Coverage Area* / GSD**	9 km ² / 2 cm <small>150 m AGL (standard)</small> 50 km ² / 12 cm <small>850 m AGL</small>
Ingress protection	IP-54 (water and dust)
Takeoff / Landing	Mechanical Launcher / Belly
Encryption	AES128 for C2 / AES256 for data
Safety system	Parachute in case of emergency
High Precision RTK GNSS IMU <small>(option)</small>	Dual-band GNSS (L1/L2) Position accuracy down to 2 cm Angle accuracy 0.025°
Rugged Flight Case	1200 x 675 x 570 mm, 29 kg <small>(empty)</small>

*coverage area calculated with 60% overlap

**Ground Sampling Distance achieved with the DT-3Band XL sensor

The larger size of the DT26X UAV accommodates an enhanced payload capacity of up to 4 kg such as state-of-the-art EO/IR gyro stabilized gimbals or LIDARs.

Takeoff is accomplished with the DT-Launcher. The landing is autonomous and done on the UAV's rugged belly on any surface: dirt, mud, sand or gravel.

DT26-X is the ideal UAV platform: perfect for surveillance or reconnaissance missions or operations that need high value added sensors. The DT26X is delivered with its launcher and its rugged transport case.

