

UX111R


DELAIR
AERIAL INTELLIGENCE

PRECISE AERIAL DATA, WHEN YOU WANT

CAPTURE AERIAL PHOTOS, IN REAL TIME, FOR DAY AND NIGHT INTELLIGENCE



DISCREET, LIGHTWEIGHT AND FULLY AUTOMATIC UAV FOR HIGH ACCURACY TACTICAL MAPPING

 **10** km*
of communication range
*Up to 25km with extended link

 up to
80 min
Endurance



www.delair.aero

Operates with the Universal Ground Station DRAKO

Key Differentiators

Map large areas faster - mapping 9,6 km² (3.7mi) in 1 day at 122 m flight height.

Versatile connectivity - Dual-communication systems including WiFi radio link and mobile connectivity via 3G network (4G-ready) for unlimited range. (Control your drone remotely from anywhere through the cloud).

Reliable, discreet and efficient - Silent at 300m. Our drones use encrypted data for their radio communication. They also have radio-free flight capability Fully redundant flight systems, Geocaging functionality and robust material so safety is never an issue.

Easy to deploy - Automated processes, from mission planning to landing.

DRAKO - Universal Ground Station, easy-to-use Windows PC mission planning and monitoring app, pre-flight checklist, no-fly zones, modern user interface.

AI-ready with on-board edge processing - Start analyzing your imagery while the drone is still in the air.

Field proven - Our drones have already been deployed on theatres of operation.

Available with SIGINT sensor - Contact us for more information.



Transport Case

Lightweight rugged backpack, airplane checkable
14kg with all accessories, 79x43x35 cm (31x17x14 in)



UAV specifications

Endurance ^{1,2}	Up to 80 minutes
Weight (payload included)	1.6 kg (3.5lbs)
Wingspan	1.2 m (47 in)
Deployment time ¹	5 min
Cruise speed ^{1,2}	54 km/h (34 mph)
Take-off / Landing	Hand-launched / Bally landing (angles : 30 degrees)
Flying range ¹	53 km. (33mi)
Surface area covered ¹	Nominal (60% side overlap): 1,2 km ² (300 ac) at 122m (400 ft) AGL Maximum (60% side overlap): 6,5 km ² (1600 ac) at 1 000m (3 280 ft) AGL
Communication range (Extended Link) ^{1,3}	Up to 25 km

OPERATING CONDITIONS

Weather	45 km/h (28mph) wind resistance, light rain
Maximum altitude (MSL) ¹	Takeoff at 5,000 m (16,400 ft) Flight at 6,000 m (19,700 ft)
Landing accuracy ¹	5 m (16ft)
Temperature ¹	-20 to 45 C (-4 to 110 F)

¹ Actual results may vary depending on UAV configuration, battery age and condition, and operational, environmental and climate conditions.

² Varies depending on altitude.

³ In good sight conditions with no signal interference.



Referenced by the UGAP (French Union of Public Purchasing Groups)

Specifications subject to change without notice to improve reliability, function or design or otherwise.

© 2021, Delair SAS. All rights reserved. Delair is a trademark of Delair SAS, registered in France. All other trademarks are the property of their respective owners.



www.delair.aero

FRANCE: Toulouse - Headquarters