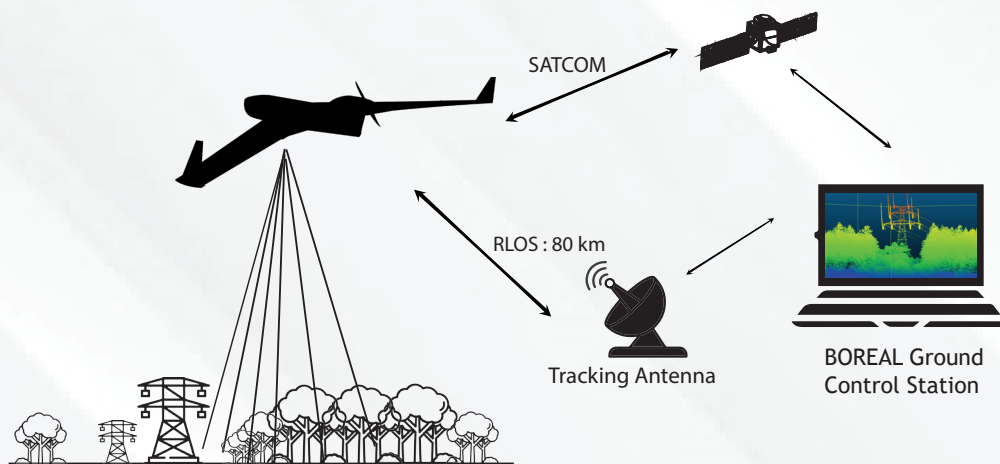
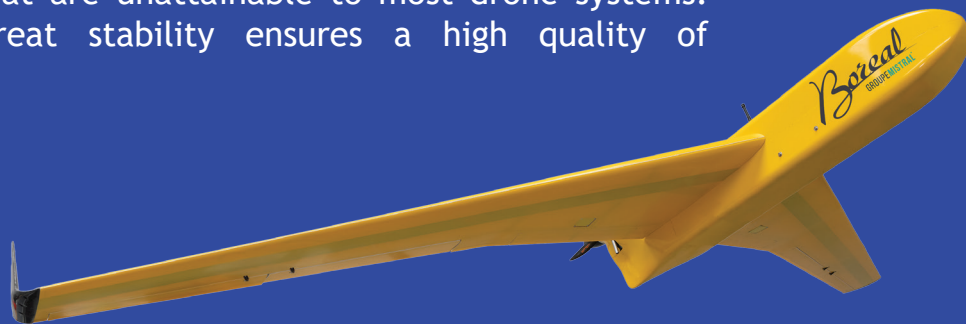


BOREAL NRM

The BOREAL UAV NRM (Natural Ressources Monitoring) drone is an on-the-shelf solution for remote sensing. Thanks to its long range, the BOREAL UAV can access environments that are unattainable to most drone systems. The drone's great stability ensures a high quality of measurements.



Embedded Payloads Examples



LiDAR



MULTISPECTRAL
CAMERA*



HYPERSPECTRAL
CAMERA



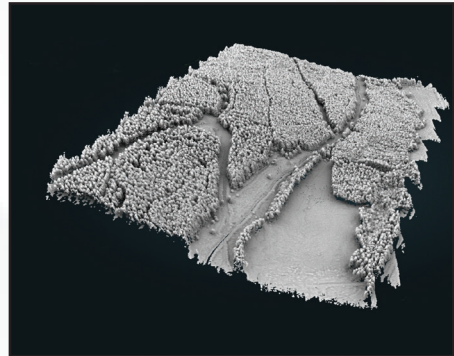
THERMAL
INFRARED CAMERA

Key Features

- ✓ Heavy payload capacity
- ✓ Custom payload integration
- ✓ Autopiloted system
- ✓ Strong wind and rain resistant
- ✓ Stable flights
- ✓ All terrain compatible
- ✓ ITAR free



Multispectral view of a Pacific Island coral reef



Forest LiDAR Scanning

Technical Specification

UAV	Maximum Take Off Weight: 55lbs (25kg) Maximum Endurance: 500mn (8h) Minimum Speed: 38kt (70km/h) Maximum Speed: 70kt (130 km/h) Maximum Altitude: 1,8mn (3500m)
PAYLOAD	LiDAR Multispectral camera Hyperspectral camera Cryogenic camera
DATA LINK	3 mb/s over 32mn (60km) 1 mb/s over 53mn (100km) 1 kb/s beyond 53mn (100km)
MONITORING	Payload Supply Command (ON/OFF) from ground Real Time Data Link for Monitoring

*Multispectral camera integration ongoing in the BOREAL UAV as part of TERRISCOPE project



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