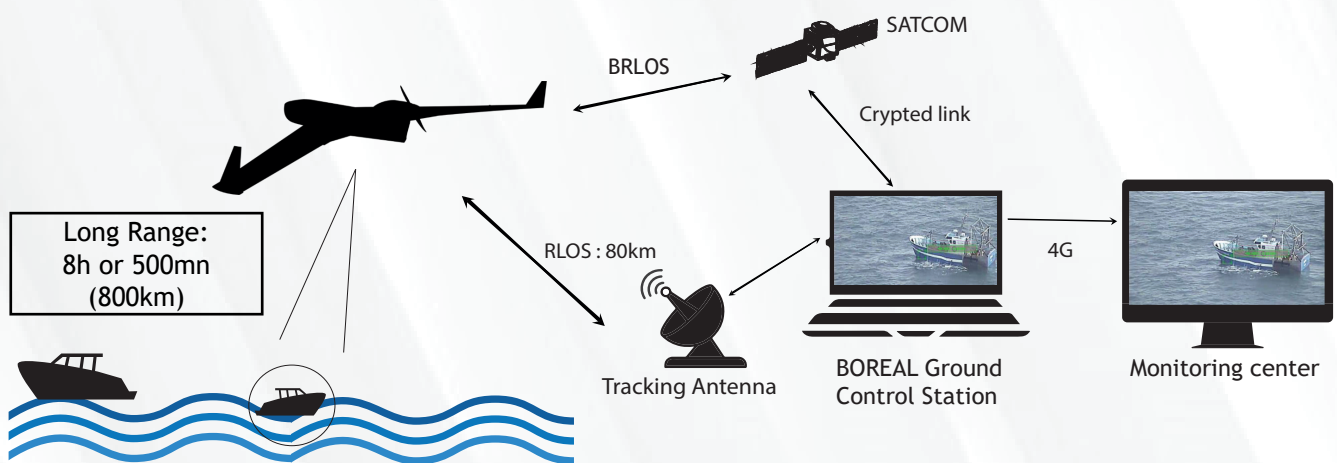


BOREAL ISR

The BOREAL UAV ISR (Intelligence, Surveillance & Recognition) operates in long range observation in military and civil applications thanks to its high-end optronic camera dedicated to surveillance applications.

This camera detects and tracks targets in all terrains far from the UAV.



Use Cases Examples



MARITIME
SURVEILLANCE



BORDER
SECURITY



SAR OPERATIONS



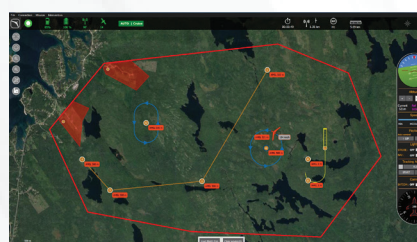
INFRASTRUCTURE
MONITORING

Key Features

- ✓ UAV autonomy: 8h or 500mn
- ✓ Encrypted Link
- ✓ Recording videos on board and on ground
- ✓ Turret Image processing card
- ✓ Click and Track System
- ✓ Target Detection up to 10km
- ✓ All terrain compatible
- ✓ ITAR free



Optronic Camera



Technical Specification

UAV	Maximum Take Off Weight: 55lbs (25kg) Long Range: 500mn (8h) Speed Range Camera In: 37-70 kt (70-130km/h) Speed Range Camera Out: 37-54 kt (70-100 km/h) Maximum Altitude : 1,8mn (3500m)
PAYLOAD (Optronic Camera)	E/O sensor: HD1080p, x30 zoom, HFOV : 2,3° - 63,7 IR sensor: LWIR 640x480, HFOV: 17.7° or 32.8° Stabilization System: Mechanics 2-axes & Electronics 3-axes Pan & Tilt: 360°
DATA LINK	Live HD Video Broadcast: 56 km C2 link: RLOS (80 km max) / BRLOS (Satcom) Tracked Antenna Radio Tracking System
MONITORING	Autonomous Power Supply Mapping Server System Geographical Point Tracking / Zone Scan