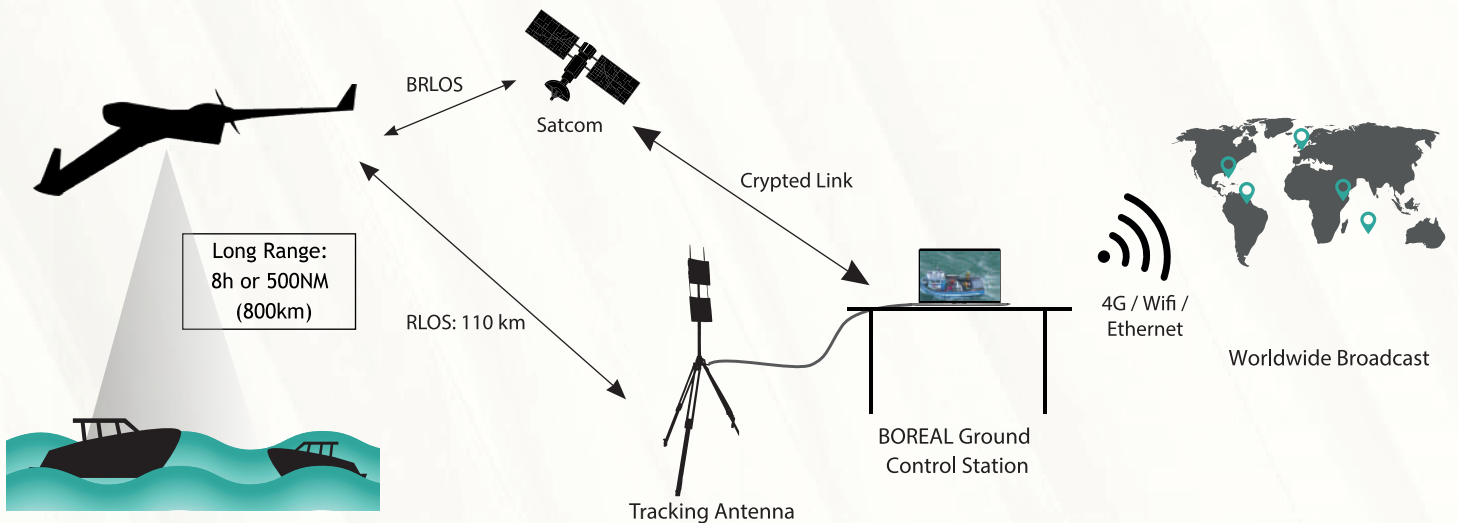


## BOREAL ISR

The BOREAL ISR (Intelligence, Surveillance & Recognition) UAS is an operational solution for land and maritime surveillance and security beyond line of sight missions. Thanks to its embedded visible/infrared gimbal system and night flight capability, the BOREAL system is particularly suitable for demanding recognition and doubt removal missions.



### Use Cases Examples



MARITIME  
SURVEILLANCE



BORDER  
SECURITY



SAR OPERATIONS



INFRASTRUCTURE  
MONITORING

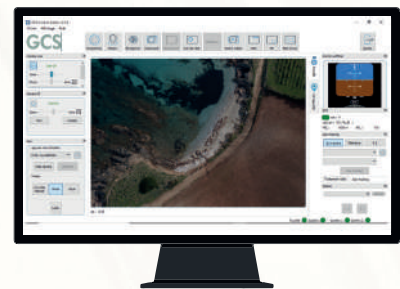
## Key Features

- ✓ RPAS Autonomy: 8h
- ✓ Encrypted Link
- ✓ Click and Track System
- ✓ Payload Interoperability
- ✓ All Terrain Compatible
- ✓ ITAR Free

## Embedded Payloads



Navigation Control



Payload Control

## Technical Specification

### RPAS

Maximum Take Off Weight: 55lbs (25kg)  
 Long Range: 500NM (8h)  
 Speed Range: 50 - 60 kt (90 - 110 km/h)  
 Maximum Speed: 70 kt (130 km/h)  
 Take Off / Landing: Catapult / Belly  
 Maximum Altitude: 11500 ft

### PAYLOAD (Optronic Gimbal System)

E/O HD - IR Sensor with Optical Zoom  
 On Board and on Ground Video Recording  
 Stabilization System: Mechanics 2-axes & Electronics 3-axes  
 Geotracking & Video Trackers

### DATA LINK

Worldwide Broadcast  
 C2Link: RLOS (110km max) / BRLOS (Satcom)  
 Tracked Antenna