



SPYBALL MICRO ELECTRICAL ROTARY WING

SPY-BALL is a fully autonomous electrical micro UAV VTOL, specifically designed for Patrolling, Urban intelligence and Special Operation support.

It is easily transportable in a backpack, and can be used by a single operator. The system envisages a fixed payload made up of a TV camera mounted on a stabilized gimbal or IR for night mission.

The autonomous manual launch system is capable of transmitting and recording images in real time and of recognizing and avoiding obstacles.

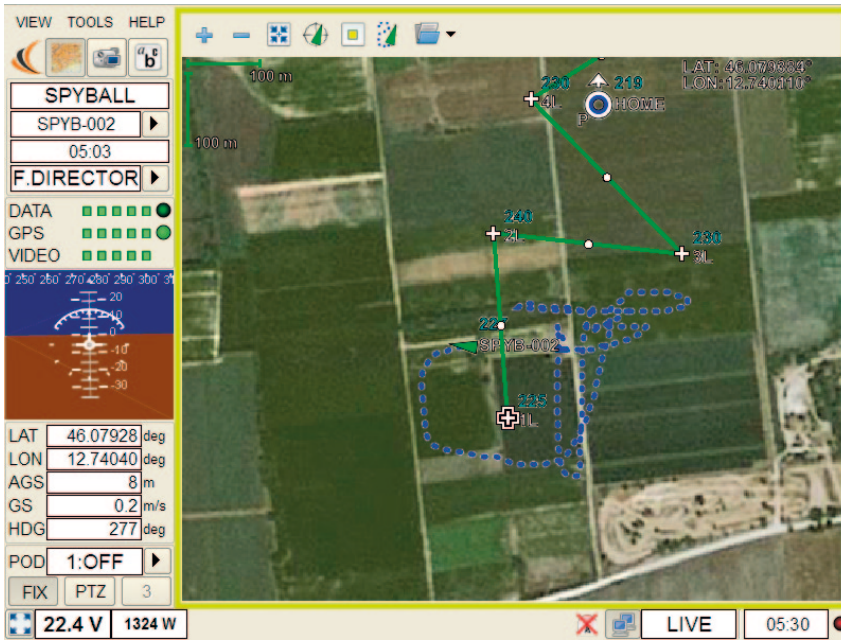
The small size of the systems means that it can be used within or in proximity of buildings, providing real-time imagery data in restricted urban areas.

APPLICATIONS

- Reconnaissance and surveillance in closed and urban areas;
- Support to Special Troops;
- Urban combat and counter terrorism operations
- Homeland security applications;
- Patrolling base perimeter
- Patrolling runway proximity

SYSTEMS FEATURES:

- Completely autonomous or semi autonomous Way-point navigation;
- Day and night surveillance
- Hovering;
- Manual Launch Take-off and autonomous landing;
- One person portable backpack less than 8 kg, including payload and Ground Station
- Ready to fly less than 5 minutes;
- Stabilized Day/Night or IR imagery (opz.);
- Inside building navigation/flight (opz.);
- Obstacle avoidance (opz.);



TECHNICAL CHARACTERISTICS

Speed:	12 kts
Endurance:	30 min
Data Link Range:	13 km
MTOW:	1,7 kg

Physical Characteristics

Dimension:	
- Height:	400 mm
- Diameter:	350 mm

Payloads

Day/Night TV Camera
TV Camera IR



For more information please email sales.marketing@selexgalileo.com

SELEX Galileo S.p.A. - A Finmeccanica Company

Via A. Einstein, 35 - 50013 Campi Bisenzio (FI) - Italy

This publication is issued to provide outline information only and is supplied without liability for errors or omissions. No part of it may be reproduced or used unless authorized in writing.

We reserve the right to modify or revise all or part of this document without notice.

2010 © Copyright SELEX Galileo.

www.selexgalileo.com

SELEXGALILEO\IT\Dsh-213\0410

Aut. n. 29079 del 11/06/2010