

RT-2 (IRIS)

Individual Robotic Intelligence System

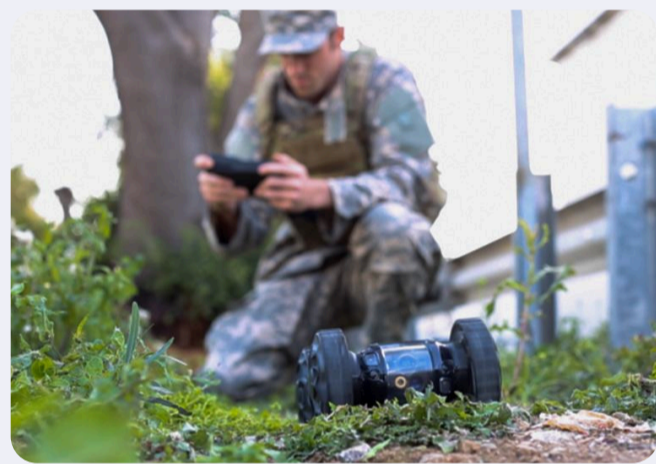
Overview

The IRIS (Individual Robotic Intelligence System) is a miniature, fast deployable, ruggedized, hand-carried, unmanned system. It is designed to support several units such as SWAT, Public Safety, Military, and Law Enforcement. The IRIS can enter small and confined spaces, above ground or underground, to explore hazardous areas while relaying intelligence and reconnaissance information in real time.



System Highlights

- Innovative lightweight miniature system suitable for any military, law enforcement, or public safety ISR missions
- A Hand-carried, ruggedized and throwable system fit for extreme conditions: indoors, outdoors, urban warfare or disaster zones
- Controlled by a ruggedized tablet, allows operators to successfully complete any tactical mission from a safe stand-out distance, reducing exposure to hazards



Main Applications

- SWAT Operations
- Urban Warfare
- Public Safety
- Subterranean and Culvert Inspection
- Mobile Communication Relay

Roboteam

RT-2 (IRIS)

Individual Robotic Intelligence System

In use with:



Platform Specifications

Parameters	Description
Dimensions (LxWxH)	9.4 x 8 x 4.3 in / 24 x 20.5 x 11 cm
Weight	3.7 lbs / 1.85 kg
Max Payload Weight	2.2 lbs / 1 kg
Speed	2.5 mph / 4 km/h
Communication	Secure digital encrypted
Operating Range	650 ft / 200 m los
Power Supply	12v replaceable battery
Working Time	2-3 hours
Payload Ports	CAN bus, 5V, 12V, RS232*
Mechanical Interfaces	Picatinny rail
Video & Cameras	2 integrated cameras for real time day & night video + zoom, laser & audio
Sensor Tilt Module	-60° / +70°
Illumination Module	NIR LED, adjustable brightness
Operational Temperature	-4° to 140°f / -20° to 60°c
Environmental	IP65

