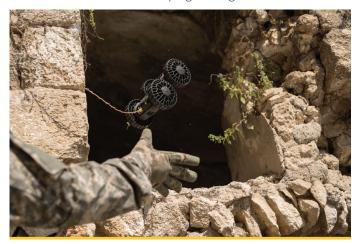


# → OVERVIEW

The IRIS® (Individual Robotic Intelligence System) and IRIS® LR (Long Range) version are miniature, fast deployable, ruggedized, hand-carried, unmanned systems. 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 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

### $\rightarrow$

### PLATFORM SPECIFICATIONS

#### PARAMETER

Dimensions (L x W x H)

Military Standards

Weight

Max Payload Weight

Speed

Communication

**Operating Range** 

**Power Supply** 

**Working Time** 

**Payload Ports** 

**Mechanical Interfaces** 

Video & Cameras

**Sensor Tilt Module** 

**Illumination Module** 

**Operational Temperature (MIL STD.)** 

#### **DESCRIPTION**

9.4 x 8 x 4.3 in (24 x 20.5 x 11 cm)

Ruggedized, IP65

3.7 lbs (1.85 kg)

2.2 lbs (1 kg)

2.5 mph (4 Km/h)

Secure digital encrypted

650 ft (200 m) LOS / LR - 3280 ft (1000 m)

12V Replaceable battery

2-3 hours

CAN bus, 5V, 12V, RS232\*

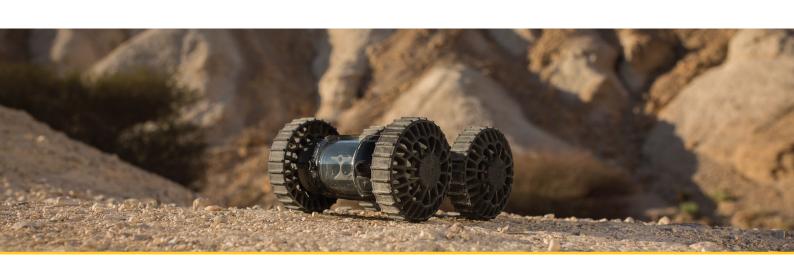
Picatinny rail

2 integrated cameras for real time day & night video + zoom, laser & audio / LR - one integrated HD camera, laser & audio

-60° / +70°

NIR LED, adjustable brightness

-4°F to 140°F (-20°C to 60°C)





www.robo-team.com