

A black, cylindrical, two-wheeled robot with a thin wire extending from the top. The robot has a small sensor or camera lens on the front and a small display or indicator on top. It is shown from a side profile against a white background.

RECON SCOUT IR

KNOW BEFORE YOU GO®

Recon Scout IR

Saves Lives, Helps Resolve Dangerous Situations and Reduces Damage to Property

THE RECON SCOUT® IR is the world's first throwable, mobile reconnaissance robot with the capability of seeing in complete darkness. It protects lives by enabling law enforcement personnel to maintain standoff distance as they gain inside knowledge about dangerous and hostile environments. Operators throw the Recon Scout IR through a window or doorway and use the handheld Operator Control Unit (OCU) to direct the movement of the robot. The Recon Scout IR transmits real-time video up to 100 feet (30m) through walls, windows and doors to the OCU or up to 1,000 feet (304.8m) to a mobile command post that is equipped with a Recon Scout Command Monitoring Station. Its infrared optical system automatically turns on when the ambient light is low. In addition, the robot works with the Recon Scout SearchStick™, a device that converts the IR into a pole camera.

Performance

Indoor Range (NLOS): 100ft/30m
Outdoor Range (LOS): 300ft/91m
Speed: 1fps/0.3mps
Drop Shock Resistance:
30ft/9.1m vertical
Throw Shock Resistance:
120ft/36.5m horizontal

Mechanical Specifications

Length: 5.6in/142mm
Width: 7.6in/194mm
Height: 3in/76mm
Weight: 1.2lbs/0.56kg

Image Sensor

Black and White
IR Illumination: 25ft/7.62m
Field of View: 60 degrees
Frame Rate: 30fps

Run Time

On Flat Terrain: 60 minutes
(varies on uneven terrain)
OCU: 120 minutes

Operator Control Unit

Height (with antennas):
20.75in/527mm
Width: 3.5in/89mm
Weight: 1.7lbs/0.79kg
Screen Size: 3.5in/89mm

www.ReconRobotics.com

Contact

Aimee Barmore
Director of Law Enforcement/Federal Programs
Aimee.Barmore@ReconRobotics.com
952-935-5515, x111

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RECON ROBOTICS™

WORLD LEADER IN TACTICAL MICRO-ROBOT SYSTEMS