



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 II (OCU II) to direct the movement of the robot. The Recon Scout IR transmits real-time video up to 100 feet (30 meters) through walls, windows and doors to the OCU II or up to 1,000 feet (305 meters) 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): Tested to
100ft/30m

Outdoor Range (LOS): Tested to
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

Note: Stated performance parameters are
factory-tested and may vary subject to local
environmental conditions.

Image Sensor

Black and White

IR Illumination: 25ft/7.62m

Field of View: 60 degrees

Frame Rate: 30fps

Run Time

On Flat Terrain:

Tested to 60 minutes

(varies on uneven terrain)

Operator Control Unit II (OCU II)

Height (antennas up):
20in/51cm

Height (antennas down):
9.5in/24.1cm

Width: 5.6in/14.2cm

Weight: 1.6lbs/0.73kg

Screen Size: 3.5in/8.9cm

OCU II Run Time:

Tested to 120 minutes

Contacts

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WORLD LEADER IN TACTICAL MICRO-ROBOT SYSTEMS