

RECON SCOUT™

Know Before You Go™

The Recon Scout™ IR— Turn Darkness To Your Advantage

The Recon Scout™ IR is the world's first throwable, mobile reconnaissance robot with the capability of seeing in complete darkness. As with the standard Recon Scout that was introduced in 2007, the Recon Scout IR saves lives by allowing military and police to gain inside knowledge about dangerous and hostile environments *before* sending in their personnel.

Simply throw the Recon Scout IR through a window or doorway, and use the handheld Operator Control Unit (OCU) to move the robot through a dark environment. The infrared optical systems on the robot automatically turn on when the ambient light is low, and immediately begin transmitting clear real-time video to the OCU video screen or a nearby command post.

This *Know Before You Go™* capability saves lives, helps resolve dangerous situations more quickly, and greatly limits damage to property. Before you send your team into the darkness, give them a big advantage – send in the Recon Scout IR.



Contact:

To learn more about the Recon Scout, please visit www.reconrobotics.com or phone Katie Sisco at 952-935-5515, ext. 113.

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Performance	Mechanical Specifications	Image Sensor
Indoor range: 100 ft/30m	Length: 7.375in/187mm	Black and white
Outdoor range: 300 ft/91m	Shell Diameter: 1.5in/38mm	IR illumination: 25ft
Speed: 1 fps/0.3mps	Wheel Diameter: 3in/76mm	Field of view: 60 degrees
Drop shock resistance: 30 ft/9.1m	Self-Balancer Length: 4in/102mm	Framerate: 30 fps
Throw shock resistance: 120 ft/31.4m	Weight: 1.2lb/544g	

Specifications

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The Recon Scout Operator Control Unit (OCU) is a rugged hand-held device used to control the movement of the Recon Scout and to receive live, high-quality video from the Recon Scout as it moves through an environment. The OCU is small and light weight, and can be operated with just one hand. Total set-up time takes less than 20 seconds: simply attached the two antennas and turn on the OCU. Movement of the Recon Scout is controlled by a simple thumb-operated joystick in the center of the OCU.



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Mechanical Specifications

Height (with antennas): 20.75in/527mm

Width: 3.5in/89mm

Thickness: 1.3in/34mm

Weight: 1.74lbs/790g

Performance

3.5in/89mm backlit screen

Battery life: 2.25 hrs

Charger

Input voltage: 120 VAC

Charge time: 1 hour



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