

### Recon Scout® Rescue Your Eyes Inside Dangerous and Confined Spaces



#### Contact:

To learn more about the Recon Scout, please visit [www.reconrobotics.com](http://www.reconrobotics.com) or phone Katie Sisco at 952-935-5515, ext. 113.

Recon Robotics  
7620 West 78th Street  
Edina, MN 55439  
Phone: 952-935-5515  
Fax: 952-935-5508

[sales@reconrobotics.com](mailto:sales@reconrobotics.com)  
[support@reconrobotics.com](mailto:support@reconrobotics.com)



[www.reconrobotics.com](http://www.reconrobotics.com)

The *Recon Scout Rescue* is a miniature, mobile reconnaissance device that will add greater certainty, safety and speed to your search and rescue operations. Armed with this throwable, tetherable device your search and rescue personnel or first responders can quickly and thoroughly conduct initial reconnaissance within the most confined or dangerous spaces. The *Recon Scout Rescue* is equipped with sophisticated infrared optical systems that automatically switch on when the ambient light is low, and it can transmit clear, crisp video through walls and debris up to 100 feet to a handheld Operator Control Unit (OCU) or up to 1,000 feet to a ReconRobotics Command Monitoring Station.

Deploying the *Recon Scout Rescue* takes less than 15 seconds, and using it requires no special training. Simply pull the ring activation pin and throw the device through a door or over a wall, or drop it down a vertical shaft using a tether. Using the thumb-controlled joystick on the OCU, you can then direct the device to move through the environment to search for victims, explosives or hazardous materials. The device is just seven inches long and weighs just one pound, making it extremely easy to carry and deploy. It may be specified in any of three operating frequencies, allowing you to operate three robots in the same environment at the same time.



#### Performance

- Indoor Range (NLOS) Test to: 100 ft/30m
- Outdoor Range (LOS) Tested to: 300 ft/91m
- Speed: 1.5 fps/0.46mps
- Drop Shock Resistance: 30 ft/9.1m
- Throw Shock Resistance: 120 ft/31.4m (maximum arc of 30°)

#### Mechanical Specifications

- Length: 8.0 in/20.3cm
- Width (wheel to wheel): 7.3 in/18.5cm
- Height: 4.5 in/11.4cm
- Weight: 1.2lb/524g

#### Image Sensor

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

#### Run Time

- Scout on Flat Terrain: 60 min. (varies on uneven terrain)
- OCU: 120 min.

#### Operator Control Unit

- Height (with antennas): 20.75in/52.7cm
- Width: 3.5in/8.9cm
- Weight: 1.74lbs/790g
- Screen Size: 3.5in/8.9cm