

Specifications

RECON SCOUT XT

Know Before You Go®

More Speed, Power and Maneuverability



Contact:

To learn more about the
Recon Scout, please visit
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RECON ROBOTICS™

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Mission-Critical Reconnaissance In Varied Terrain

The Recon Scout XT® is a throwable, mobile reconnaissance device that can tackle a wide range of terrain and obstacles. Equipped with large motors, powerful drive trains and aggressive wheels, the Recon Scout XT enables you to conduct video reconnaissance in cluttered indoor environments as well as in outdoor landscapes of dirt, sand and rocks. The Recon Scout XT is also equipped with an infrared optical system that automatically turns on when the ambient light is low, giving your team a big advantage in the darkest of environments. The water resistant Recon Scout XT is also tolerant of mist, fog, rain, and incidental use in water that is no more than 1.75 inches deep.

Deploying the Recon Scout XT takes less than 15 seconds, and using it requires no special training. Simply pull the activation pin and throw the device through a doorway or over a wall, or drop it down a vertical shaft using a tether. Using the single joystick on the operator control unit, you can then move the device through the environment to locate suspects, clear rooms and assess entry locations. The Recon Scout XT is just eight inches long and weighs just one pound, making it extremely easy to carry and throw. It may be specified in any of three frequencies, allowing you to operate up to three robots in the same environment at the same time. It may also be added to any existing Recon Scout IR kit on a robot-only basis.



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°)
- Water resistant to a depth of 1.75 in/4.5 cm
- Safe to use in fog, mist and rain

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

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