

Lightweight, Durable and Immediately Deployable



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Mission-Critical Reconnaissance In Varied Terrain, Day or Night

The Recon Scout XT is a throwable, mobile reconnaissance device that enables warfighters to obtain instantaneous video reconnaissance within indoor structures or in outdoor environments of dirt, sand and rocks. Equipped with large motors, powerful drive trains and aggressive wheels, the Recon Scout XT can be directed to quietly move through a building, bunker or cave and transmit real-time video back to the warfighter's handheld OCU. This video can be used to locate enemy combatants, civilians or explosive devices, and enable the warfighter to gain situational awareness during urban warfare operations or remote reconnaissance missions. Equipped with an infrared optical system that automatically turns on when the ambient light is low, the Recon Scout XT can transmit video up to 100 feet indoors and 300 feet outdoors. 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.

The Recon Scout XT is just eight inches long and weighs just 1.2 lbs., making it extremely easy to carry and throw. Deploying the Recon Scout XT takes just 5 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, a warfighter can then direct the device through the environment. The Recon Scout XT may be specified in any of three transmitting frequencies, allowing warfighters to operate up to 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°)
- Water resistant to a depth of 1.75 in/4.5 cm
- Safe to use in fog, mist and rain

Mechanical Specifications

- Length: 7.3 in/18.5cm
- Width (wheel to wheel): 8.0 in/20.3cm
- 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