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WORLD LEADER IN TACTICAL MICRO-ROBOT SYSTEMS



COMPANY PROFILE:

ReconRobotics is the world leader in tactical, micro-robot systems. Worldwide, the U.S. military and international friendly forces, federal, state and local law enforcement agencies and bomb squads have deployed more than 3,850 of the company's robots. Each day, they use the company's mobile Recon Scout® and Throwbot® devices to protect their personnel, minimize collateral damage, and gain immediate reconnaissance within dangerous and hostile environments.

The company was formed in 2006 to commercialize robotics technology developed at the University of Minnesota Distributed Robotics Laboratory under funding from the Defense Advanced Research Projects Agency (DARPA) and the National Science Foundation, among others. Today, ReconRobotics markets its products through a distribution network in more than 33 countries. Among the users of Recon Scout® robots are the U.S. Army, Navy and Marine Corps, as well as many Federal agencies, including the U.S. Marshals, DEA, Border Patrol, FBI and ATF.

PRIMARY PRODUCTS:

The Recon Scout XL with Audio Capabilities

The Recon Scout® XL is a rugged micro-robot that can traverse varied terrain to provide operators with immediate video and audio reconnaissance in high-risk situations. Its wheels can climb over 4-inch (10.2-centimeter) obstacles, enabling operators to drive it through landscapes of rocks, grass, sand and debris.

The Recon Scout XL weighs only 1.4 pounds (0.64kg), can be thrown 30 feet (9.1m) and dropped 15 feet (4.6m). Its durable construction, infrared optics, water resistance, and stealth provide your operators with an invaluable tool to increase situational awareness and save lives.



The Throwbot® XT with Audio Capabilities

The Throwbot® XT is, pound-for-pound, the most versatile, robust, stealthy and easy-to-deploy tactical robot system in the world.

Inherently water and dust resistant, the Throwbot XT weighs just 0.54kg, and can be thrown up to 36m. It is also exceptionally quiet (operating at just 22 decibels) and is equipped with an infrared optical system that activates automatically when the ambient light is low, enabling the operator to see in complete darkness.



Once deployed, the micro-robot can be directed by the operator to quietly move through a structure and transmit video and audio reconnaissance to the handheld Operator Control Unit II (OCU II). These stealth capabilities can be utilized to locate armed subjects, confirm the presence of hostages or innocent civilians, listen in on conversations, and reveal the layout of rooms – information that can save lives and increase the success of high-risk operations.

The robot may be purchased with or without audio (listening) capabilities, or upgraded to listening-enabled at a later date. The Throwbot XT may also be specified in any of three predetermined transmitting frequencies, enabling operators to use up to three robots in the same environment at the same time.



Recon Scout® Throwbot® LE

The Recon Scout® Throwbot® LE is the world's most affordable police robot. It protects law enforcement personnel by providing immediate video reconnaissance when it's needed most. It can be used on patrol calls involving welfare checks, domestic disturbances and shots fired, and on tactical call-outs involving barricaded subjects, hostage situations and room-clearing operations

Moreover, the Recon Scout Throwbot LE protects your budget by delivering life-saving capabilities at an extremely low price. Designed and produced by ReconRobotics, the world leader in tactical micro-robot systems, the versatile Throwbot LE is ideally suited to police use because it weighs only 0.49kg, allowing for easy transportation and immediate deployment. It can also survive horizontal throws of 15.2m and drops of 4.5m.



Recon Scout® IR



The Recon Scout® IR is the world's first throwable, mobile reconnaissance robot with the capability of seeing in complete darkness. It 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 OCU II 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 II 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.

Recon Scout® SearchStick™

The Recon Scout® SearchStick™ device enables tactical and patrol personnel to instantly convert any Recon Scout® robot into a versatile pole camera. Simply grasp the Recon Scout robot in the powered jaws of the pole and extend the pole to the necessary length. The robot then transmits live video of the environment to the operator control unit (OCU). In addition, the SearchStick allows an operator to quietly deploy the robot into an elevated or confined environment while maintaining a safe standoff distance, and later retrieve it when the reconnaissance has been completed.

The SearchStick pole has a collapsed length of 52cm and can be extended to a length of 183cm. It allows tactical operators to maintain standoff distance when clearing elevated/confined spaces, including walled compounds, elevated windows, stairwells, attics, ventilation ducts, crawl spaces, tunnels and vehicle undercarriages.



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