

**RECON SCOUT IR**



**KNOW BEFORE YOU GO® – DAY OR NIGHT**



**GET REAL-TIME INSIDE INFORMATION THAT SAVES LIVES**

**MINUTES BEFORE** you send your tactical team through the door, dozens of questions run through your mind. *Where are the suspects? Are they armed? Are they barricaded? Do they have a hostage? Is the hostage wounded? What is the layout of the rooms?*

The Recon Scout IR is designed and engineered to give you some answers. It is the world's first throwable, mobile, tactical reconnaissance robot that can see in complete darkness. Its infrared optics automatically turn on when the ambient light is low, and immediately begin transmitting clear video to your hand-held operator control unit (OCU) and nearby command post. Throw it into any dangerous or hostile environment – day or night – and you'll get real-time information that will save lives, reduce damage to property, and help resolve the situation more quickly.

# SMALL. STEALTHY. POWERFUL.

The unique performance characteristics of the Recon Scout IR make it ideally suited to the demands of tactical reconnaissance:

- **SMALL:** The robot is 7.4 inches long and weighs just 1.2 lbs. It can be carried in a pocket, on a vest, or in a non-shooting hand for immediate access.
- **STEALTHY:** A matte black finish makes the robot difficult to see and it operates at a maximum of 20 decibels – quieter than a whisper.
- **SIMPLE:** To activate the Recon Scout IR, simply pull the pin, turn on the hand-held Operator Control Unit, and throw the robot into the environment. IR optical systems automatically turn on when the ambient light is low. Total set-up time: 10 seconds.
- **DURABLE:** Constructed with a titanium shell, the Recon Scout IR can survive repeated throws of 120 feet and vertical drops of 30 feet.
- **PERCEPTIVE:** The robot's black-and-white image sensor has a 60-degree field of view on both the horizontal and vertical axis, and it can transmit a 360-degree scan of a room in five seconds. Its IR illuminator lets you see objects 25 feet away, even in total darkness.
- **POWERFUL:** The IR can transmit live video at least 300 feet outdoors and 100 feet indoors – through walls, doors and windows.
- **INTUITIVE:** You can easily direct the movement of the robot using the thumb-controlled joystick on the front of the OCU. The handheld OCU weighs just 1.7 lbs and has a 3.5-inch backlit video screen.



## **BEYOND OFFICER SAFETY – A QUICK RETURN ON YOUR INVESTMENT**

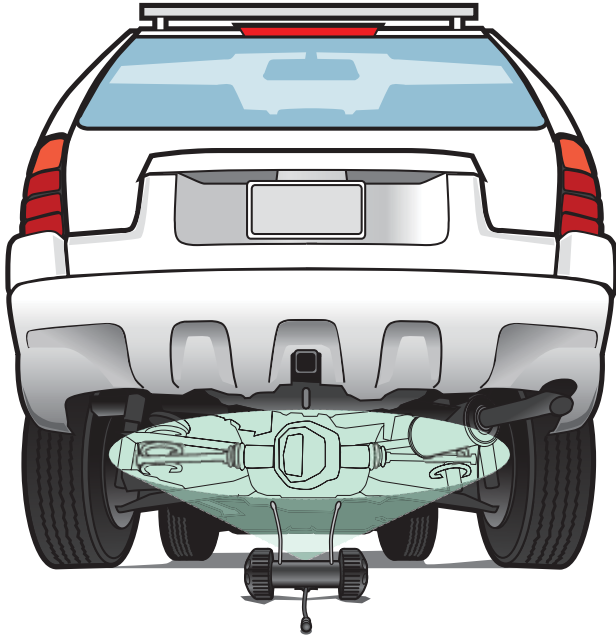
The Recon Scout IR can save your law enforcement agency thousands of dollars in property and liability claims simply by giving your tactical team the information they need to make sound decisions. Armed with the inside information that the Recon Scout IR provides, your team can pinpoint their entry tactics, minimize use of the most noxious forms of gas, and make their room-clearing operations safer and quicker.

In addition, your command post can record the video that is transmitted by the robot via the ReconRobotics Command Monitoring Station. This ability to capture video evidence is very useful in drafting reports, simplifying incident reviews, enhancing prosecution, minimizing fraudulent claims, supporting court testimony, and assisting with the training of tactical teams.



- **VERSATILE:** The Recon Scout IR can be specified in any of three transmitting frequencies, allowing you to operate up to three robots in the same environment at the same time.

# ***INSPECT VEHICLE UNDERCARRIAGES***



## ***UNDER VEHICLE INSPECTION***

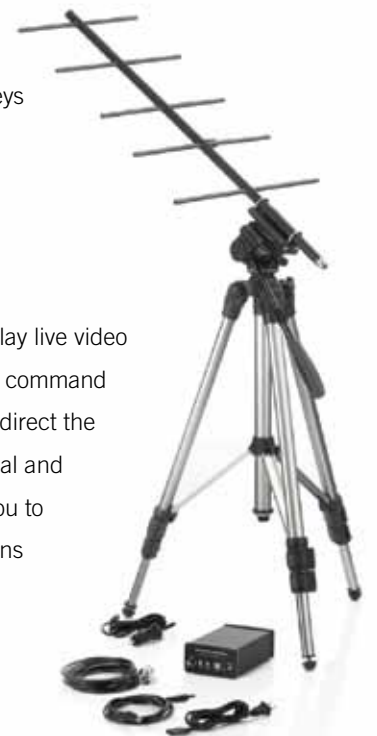
ReconRobotics also produces a miniature robot specifically designed for inspecting the undercarriages of vehicles for explosives, drugs or other contraband. The Recon Scout UVI is equipped with sophisticated optical systems that can operate in extremely low-light environments. These optics are oriented 32 degrees above horizontal and have a 60-degree field of view, giving you a clear view of the vehicle undercarriage. The Recon Scout UVI is an ideal tool for bomb squads, motorcade advance teams, dignitary protection and border inspections.

## ***THE CONTENTS OF YOUR RECON SCOUT IR KIT:***

- Two Recon Scout IR Robots
- One Operator Control Unit (including removable antennas)
- Three Battery Chargers (two for the robot and one for the OCU)
- Hardened Carrying Case with Foam Housing
- User Manual
- Warranty Card
- Two Spare Robot-Activation Keys

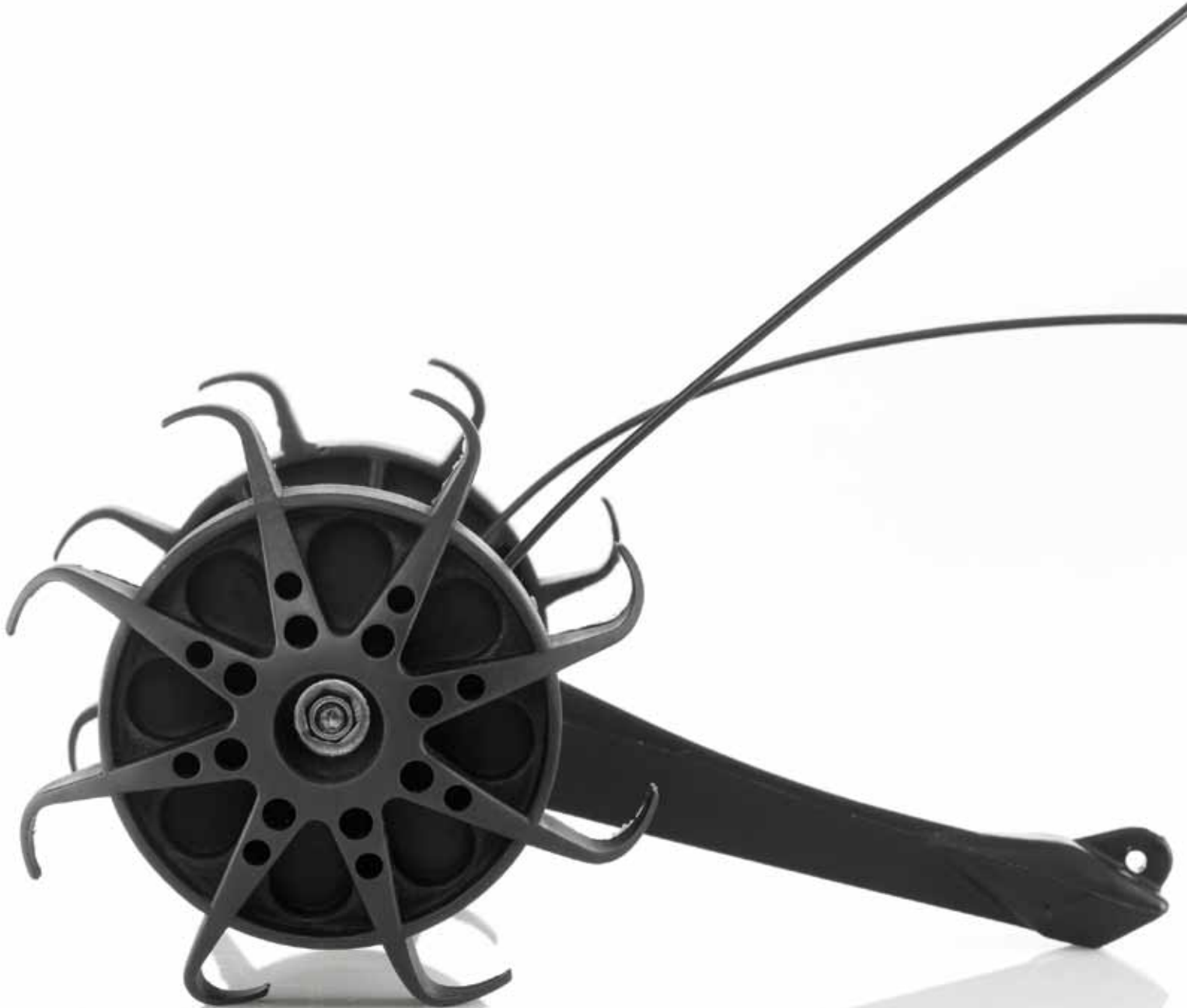
## ***MONITOR ROBOT VIDEO TRANSMISSIONS FROM YOUR COMMAND POST***

The Recon Scout Command Monitoring Station (CMS) enables your command post video monitors to display live video transmissions from any Recon Scout reconnaissance robot that is operating up to 1000 feet away. Now, your command staff can see precisely what your frontline personnel see on their handheld Operator Control Units as they direct the movement of their robots. This real-time, shared situational awareness allows you to plan and direct tactical and search-and-rescue operations, and provide an integrated response to any situation. The CMS also allows you to switch from one robot video frequency (channel A, B or C) to the next, allowing you to monitor transmissions from up to three robots operating in the same environment. Included with the CMS are power cables that enable you to run the CMS from a standard power outlet or a 12VDC source.



# RECON SCOUT XT

*Know Before You Go®*



**FOR CHALLENGING TERRAIN – INDOORS OR OUTDOORS**



### ***POWER AND VERSATILITY IN VARIED TERRAIN***

The powerful Recon Scout XT was designed for military and police reconnaissance within cluttered indoor environments as well as in outdoor landscapes of dirt, sand and rocks. Equipped with larger motors, beefier drive trains and aggressive wheels, the Recon Scout XT can easily climb over door thresholds and clothing and, when necessary, it can move along at 50% higher speeds than the Recon Scout IR. Like the Recon Scout IR, the XT also has an infrared optical system that automatically turns on when the ambient light is low, giving your team a big advantage in extremely dark environments.

The Recon Scout XT comes equipped with a 100-foot tether, which allows you to retrieve the robot after it has been dropped down a vertical shaft or thrown over a wall. The Recon Scout XT is just eight inches long and weighs just 1.3 pounds. It may be specified in any of three transmitting 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.



### ***SAVE LIVES – PROTECT YOUR TEAM***

To place an order or arrange for a demo, please call our sales department at [1-866-697-6267 ext.113](tel:1-866-697-6267), or visit [www.ReconRobotics.com](http://www.ReconRobotics.com) and click on “Request a Demo”.



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