

iROBOT OFFERS  
**GRANT ASSISTANCE**  
TO STATE & LOCAL SQUADS  
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*The iRobot 210 Negotiator performs basic reconnaissance, increasing situational awareness in dangerous scenarios for public safety professionals. 210 Negotiator's lower cost makes it ideal for civil response operations.*

## Why Negotiator?

- Affordable price
- Simple to use
- Proven in the field
- Lightweight, compact design
- Fits in any response vehicle
- Easily climbs stairs
- Minimal training needed
- Expandable with multiple accessories

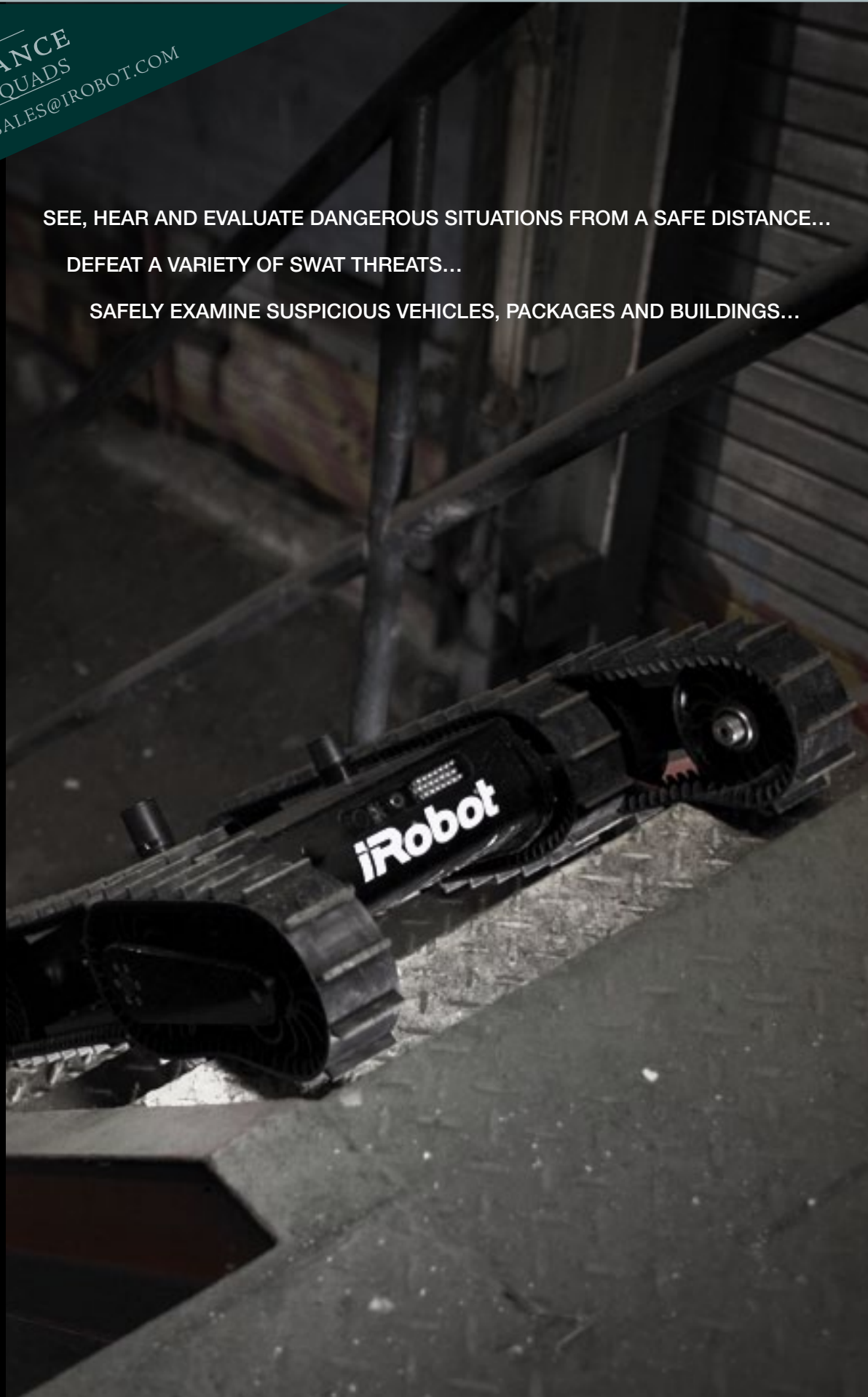
*"It goes into areas where other people won't have to risk their safety."*

— SWAT Officer

SEE, HEAR AND EVALUATE DANGEROUS SITUATIONS FROM A SAFE DISTANCE...

DEFEAT A VARIETY OF SWAT THREATS...

SAFELY EXAMINE SUSPICIOUS VEHICLES, PACKAGES AND BUILDINGS...



# iRobot 210 Negotiator®

iRobot Negotiator performs multiple missions:

- Surveillance / Reconnaissance
- Bomb Identification / Search and Rescue
- Hazardous Material Detection

## Robot Contents

- 210 Negotiator chassis
- Internal color video camera
- Internal low light infrared illuminated camera
- Two NiMH robot batteries
- One spare NiMH robot battery
- Operator Control Unit (OCU), includes one NiMH OCU battery
- Head-set for two-way audio communication
- 110V AC trickle charger
- Car charger – power inverter 300W
- Operator orientation training at customer location
- User documentation

## Robot Specifications

- Length: 25" (63.5 cm)
- Width: 16" (40.6 cm) with flippers off  
21" (53.3 cm) with flippers on
- Height: 7.6" (19.3 cm) with no payload
- Weight: 34 lbs (15.4 kg) with two NiMH robot batteries
- Water resistant

## Total Capacity

- One open payload port for expansion
- Additional payloads can be added with optional camera payload expander

## Battery Endurance

- Two NiMH robot batteries last 3-6 hours, depending on mission profile
- Includes 110V AC trickle charger

## Communications

- Data 900 MHz
- Video 2.4 GHz
- Up to 800' (244 m) range line of sight

## Illumination

- IR LED array for illuminating in all ambient light conditions

## Cameras

- High-resolution color video camera
- Internal low light infrared illuminated camera

## Speed

- Up to 3.1 mph (5.0 km/h)
- Variable speed range

## OCU Specifications

- Size: 10.62" x 9.68" x 4.87"  
(27 x 24.6 x 12.4 cm)
- Weight: 8.5 lbs (3.8 kg) with one (1) NiMH Battery
- Screen: 4.5" W x 3.5" H (11.4 x 8.9 cm) daylight readable
- Power: One NiMH battery
- Portability: Pelican™ case with handle

## Input Devices:

- Integrated joystick is easy to use and significantly reduces on-robot training time

## Software

- Two-way audio communication
- Gauge display of batteries
- Variable speed ranges

## Optional Accessories



Flipper Mobility Upgrade  
(includes two flippers for robot)

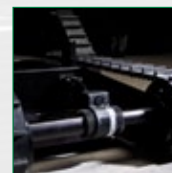
Allows the robot to go up and down most standard stairs and over obstacles. You can even right the robot if it flips over.  
Part # 4188812



Pan Tilt Zoom Color Camera System

Continuous 360-degree pan and 180-degree tilt for enhanced "eyes on." 100X Zoom, Auto Iris, Auto Focus. Easy to install. No configuration necessary.

Part # 4279080



Rear-Mounted, Fixed Day/Night  
Camera System

Keep watch behind the robot. Easily installs on the rear handle. Six infrared LEDs provide night-time illumination. No configuration necessary.

Part # 4188840





### Camera Payload Expander

Enables the robot to accommodate up to four payloads. Attaches to the robot's belly pan.  
Part # 4193974



### Rear-Mounted Light (Combination Infrared & Visible Flood Light System)

Illuminates even the darkest areas. Mounts on the rear handle. Can be pointed forward or backward. Includes rechargeable NiMH battery.  
Part # 4279097

### 110V AC Trickle Charger

Keeps Negotiator's batteries charged when the system is stored. Can be used to charge the two batteries in the robot, the battery in the OCU and spare batteries.  
Part # 4239371



### MultiRAE™ Gas Monitor Detection System

Ideal for Personal Protective Equipment (PPE) or confined space assessment. Combines a PID (Photoionization Detector) with the standard four gases of a confined space monitor (O2, LEL and two toxic gas sensors) in one compact monitor with sampling pump. Includes mounting bracket for sensor.  
Part # 4188846

### 110V AC Fast Charger

Quickly recharge the robot's batteries or the Operator Control Unit (OCU).  
Part # 4188818



### MultiRAE™ Gas Monitor Adapter Kit

Enables the integration of your own MultiRAE Gas Monitor. Includes mounting bracket for sensor. Attaches to the robot's belly pan.  
Part # 4191655



### Car Charger

300W power inverter. Keeps Negotiator's batteries charged using the car's battery while you're on the go. Can be used to charge spare batteries and the OCU battery.  
Part # 4262365



### Remote Monitoring System

Allows the video seen and audio heard by the OCU operator to also be monitored on a PC at a command post 500 feet away.  
Part # 4240202

### NiMH Robot Battery

Keep your robot powered and running in the field. Rechargeable battery lasts between 1.5 and 3 hours, depending on mission profile.  
Part # 4190341



### Travel Case

Wheeled, lightweight, impact-resistant case with carrying handles and retractable extension handle enables easy robot transport. 33.75" x 28.75" x 16.88" (85.7 x 73 x 42.9 cm).  
Part # 4188821

## iRobot Grant Assistance Program

Grants help public safety professionals get equipment

Federal grants provide millions of dollars in funding to state and local public safety agencies for homeland security.

iRobot offers consultation and grant writing support for customers needing help with these programs.

iRobot will work with you to:

- identify the grants available to your department
- write and customize your applications
- submit and gain support for your grant requests

With the help of the iRobot Grant Assistance Program, you could get a Negotiator robot for no cost to your department.

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*The intuitive Operator Control Unit (OCU) for 210 Negotiator facilitates fast training and easy operation in the field.*

**“The first time you pick it up, you can just run with the thing.”**

– SWAT Officer

## iRobot 210 Negotiator

The Negotiator robot provides numerous benefits during tactical operations callouts:

### SWAT Team

- Substantial operational time savings
- Minimized risk during dangerous building/structure breaching tasks
- Minimized risk during building/structure search
- Reduced team size and/or operations duration
- Reduced liability by gathering better intelligence
- Increased response options

### Crisis Negotiation

- Substantial operational time savings
- Full communications, when and where needed
- Ability to deliver small packages or payloads
- Better situational awareness
- Traceable documentation in real time
- Ability to act as an advance or first scout
- Ability to go up and down stairs
- Improved ability to assess tactical situations



*This literature has been compiled for worldwide circulation. While general information, pictures and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions. iRobot reserves the right to change specification, design and price of the products described in this literature without notice. Some of these items are on the USML and require Department of State export license.*

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Made in India.