



## STAIR CLIMBING

Capable of climbing household stairs and obstacles. For more aggressive terrain and steeper stairs, includes rear stabilizer bars, which are used to stabilize the robot while overcoming high obstacles and aid in preventing the robot from rolling over.

## REMOTE SURVEILLANCE

Uses a set of forward and rear facing IR cameras and two way audio which allow the operator to observe/communicate from a safe distance, even in low light conditions.

## REMOTE ROOM CLEARING

Clear rooms and buildings remotely while you remain at a safe distance.



## Operator Control Unit

2.4GHz high power digital radio system provides secure two-way encrypted transmission.

Additional OCU features include:

A combination of IR cameras and LED lights improve low light operation.

- Removable rear mounted 360° pan/tilt camera with 30x zoom. LED lights and tactical laser pointer.
- 30x zoom tilt camera embedded in the nose of the robot. LED lights.
- IR camera attached to gripper arm.
- Rear/view backup IR camera.
- Rugged Pelican case enclosure with 12" LCD touch screen.
- 11.1V 10Ah Lithium-Ion battery system.
- Integrated joysticks with intuitive controls for drive, stabilizer arm, manipulator arm, and camera.
- Preset arm positions for multi-axis arm to allow for easier operation and stowing.
- Kinematic model: 3D model with live positioning of the multi-axis arm. Additional collision detection.
- Record video and take snapshots.
- 2-way audio system for hostage negotiation.
- Quad view display of camera views.
- Additional control modes - Cartesian and Joint mode allow for intuitive manipulator control.

## Additional Options

### Repeaters & Monitoring Stations

Significantly increases the operational range and can assist second entry teams.

### HAZMAT

MultiRAE sensors allow for detection of gas, radiation, and other potential hazards.

### Backup Batteries

Additional batteries for the robot, OCU, and repeater

### Removable Release Hitch

Remotely operated. Can be used to tow stop strips, cables, etc.

### Transport Case

Designed to protect your robot in storage and transit.

### Removable Rear Stabilizer Bar

Provides support when ascending stairs and inclines.

### HDMI Out

Display video feed on an external monitor via HDMI.

### Additional Customization

We can incorporate features not listed, such as thermal imaging, additional camera systems, LIDAR, button guards, etc.

### Main Chassis

Enclosed Weather Resistant Chassis

LiFePO Battery System

Flipper/Stabilizer Arms

Ethernet Jack

Transport Case

### Camera System

Spring-mounted IR Drive Camera

Rear IR Camera

Removable 360° 30x Zoo Camera



Dimensions	
Speed	250 ft/min
Runtime	Up to 8 hours
Weight	110 lbs
Length	38 inches
Width	19 inches
Height	24 inches
Ground Clearance	2.5 inches

### Operator Control Unit (OCU)

Pelican Case with built in 12" LCD

Video and Image recording

2.4 GHz Digital Radio

Lithium-Ion Battery

Quad Camera view

### Enclosed Weather Resistant Chassis

Durable aluminum chassis with a rugged outer coating.

### Lithium Iron Phosphate (LiFePO) Battery

The batteries are high-energy density, lightweight, long-lasting, and safe. Easy to remove and replace if needed.

### Battery Charging

The smart chargers charge all batteries simultaneously with a single 115V AC plug (230V AC available on request).