



STAIR CLIMBING

Capable of climbing household stairs and obstacles. For more aggressive terrain and steeper stairs, includes flipper arms, which are used to lift the robot over obstacles and stabilize the robot on steep inclines.

REMOTE SURVEILLANCE

The 30X zoom tilt camera at the base enables the user to view from a safe distance even in low light. The additional arm mounted camera provides the perfect angle for operating the robot's gripper.

REMOTE ARM MANIPULATION

The removable multi-axis arm makes this robot a versatile tool for clearing rooms, removing suspicious packages, and remote surveillance. The arm and mast camera can easily be removed for various mission and clearance requirements.

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.

ORDINANCE DISPOSAL and HAZMAT

Arm can be equipped with a mount for a Carbon Fire 10 Disruptor. 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.

Multi-Axis Arm Attachments

- Window piercing tool
- Hook/Object puller
- Wire cutter

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

Nose Tilt 30x Zoom Camera

Spring-mounted IR Drive Camera

Rear IR Camera

Removable 360° 30x Zoo Camera



Dimensions	
Speed	140 ft/min
Runtime	Up to 8 hours
Weight	93 lbs
Length	34 inches
Width	19 inches
Height	24 inches
Ground Clearance	2 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).