FLIR PackBot is a man-transportable robot that performs bomb disposal, surveillance and reconnaissance, CBRN detection and HazMat handling operations.

PackBot easily climbs stairs and navigates narrow passages, relaying real-time video, audio, and sensor data while the operator remains at a safer stand-off distance.

More than 4,000 PackBot robots have been delivered worldwide.

PackBot is deployable by one person in under two minutes. The robot stows neatly in vehicle, even fitting in a car’s trunk.

The PackBot manipulator lifts up to 44 lb (20 kg) and supports numerous accessories, sensors, and disruptor solutions.

PackBot is controlled from the uPoint® Multi-Robot Control system, featuring a touchscreen-based tablet controller that allows an operator to select from across the family of connected robots. PackBot uses the MPU5 radio operating on the Wave Relay® MANET, to form a robust network in which robots, operators, and observers seamlessly operate together.

**FEATURES**

**MAN-TRANSPORTABLE**
Deployable by one person in less than two minutes. PackBot stows neatly in vehicle, even fitting in a car’s trunk.

**MOBILE**
Climbs stairs, rolls over rubble and navigates narrow passages.

**POWERFUL MULTI-SENSOR CAPABILITY**
Four color cameras with zoom and illumination. Supports an optional fifth camera with thermal capability.

**CONTROLLABLE FROM THE UPOINT® MULTI-ROBOT CONTROL SYSTEM**
Using the touchscreen-based ruggedized tablet controller, an operator can select from across the family of connected robots.

**SUPERIOR COMMUNICATIONS**
The MPU5 radio operating on the Wave Relay® MANET, allows the robot to penetrate deeper into complex structures and further downrange than ever before.

**APPLICATIONS**

EXPLOSIVE ORDNANCE DISPOSAL (EOD)
REMOTE INSPECTION
SURVEILLANCE/RECONNAISSANCE
CBRN/HAZMAT DETECTION
## DETAILS

**Accessories**
- FLIR LWIR Thermal Camera - the thermal image transmits directly to the robot controller.
- Rear Flipper Kit - encourages greater stability when climbing stairs or negotiating terrain.
- Integrated CBRN sensor payloads - allow an operator to remotely monitor the environment.
- Disruptors and the Firing Control system - accommodates many disruptors including the PAN. Uses an integrated firing circuit on the robot.

### Product Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Weight - (no batteries)</td>
<td>52.7 lb (23.9 kg)</td>
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<tr>
<td>Runtime</td>
<td>Up to 4 hrs with two (2) BB-2590 batteries</td>
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<tr>
<td>Runtime</td>
<td>Up to 8 hrs with four (4) BB-2590 batteries</td>
</tr>
<tr>
<td>Mobility - Speed</td>
<td>Up to 5.8 mph (9.3 km/h)</td>
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<tr>
<td>Mobility - Agility</td>
<td>Zero radius turn</td>
</tr>
<tr>
<td>Mobility - Slopes</td>
<td>Up to 43° (ascend, descend)</td>
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<tr>
<td>Mobility - Stair Climbing</td>
<td>Up to 40° [rise 8.5” (21.6 cm), run 10” (25.4 cm)]</td>
</tr>
<tr>
<td>Manipulator Lift</td>
<td>44 lb (20 kg) close-in</td>
</tr>
<tr>
<td></td>
<td>11 lb (5 kg) at max extension</td>
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<tr>
<td></td>
<td>(73.5” (187 cm))</td>
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<tr>
<td>Awareness</td>
<td>Four (4) cameras</td>
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<tr>
<td></td>
<td>Two-way audio</td>
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<tr>
<td>Compatible</td>
<td>Connects to the Wave Relay® MANET, to form a robust network in which robots, operators, and observers seamlessly operate together.</td>
</tr>
<tr>
<td>Expansion</td>
<td>Multiple payload ports</td>
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<tr>
<td></td>
<td>22 disruptors supported</td>
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<tr>
<td></td>
<td>10 fully integrated HazMat/CBRN sensors</td>
</tr>
<tr>
<td></td>
<td>40+ Accessories</td>
</tr>
<tr>
<td>Controller</td>
<td>Multiple controller options available, including the uPoint® Multi-Robot Control System</td>
</tr>
<tr>
<td>Export Regulations</td>
<td>EAR</td>
</tr>
</tbody>
</table>

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