FLIR FirstLook is a throwable, rugged and expandable robot that provides immediate situational awareness, performs persistent observation and investigates dangerous and hazardous material while maintaining a safer stand-off distance for operators. Quick to power-up, FirstLook can be deployed in a moment’s notice.

FirstLook allows operations where other robots can’t fit or maneuver. This rugged, lightweight robot can be inserted into structures and provides operators with visual, audio, and sensor feedback before entry. Maneuverable in a variety of environments, FirstLook climbs small obstacles, overcomes curbs, turns in place and self-rights when flipped over.

FirstLook is controllable from a variety of controllers, including 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. FirstLook 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**

**THROWABLE, RUGGED, AND MANEUVERABLE**
Weighing 6.6 lb (3kg), FirstLook survives 16 ft (5 m) drops onto concrete.

**HIGHLY MANEUVERABLE**
FirstLook climbs obstacles up to 7” (17.8 cm) high, overcomes curbs, turns in place and self-rights when flipped over.

**POWERFUL MULTI-SENSOR CAPABILITY**
Four color cameras with zoom and illumination, plus audio capability are integrated into FirstLook. Optional CBRN/ HazMat sensors available.

**CONTROLLABLE FROM THE UPOINT® MULT-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**

**BUILDING CLEARING**

**CLOSE-IN SCENARIOS**

**CBRN/ HAZMAT DETECTION**

**SURVEILLANCE/ RECONNAISSANCE**

**REMOTE INSPECTION**

*Also controllable from the Game-Style Controller*
DETAILS

Accessories
Integrated Deployment and Camera (IDAC) - remote payload deployment platform with fixed camera with white light LED.


Small Lightweight Manipulator (SLM) - max lift capacity of 3.5 lb (1.6 kg).

Disruptors and the Firing Control System - accommodates recoilless disruptors, like the CDC CarbonFire 10. Uses a third-party firing circuit.

Consumables Kit - includes robot antenna, tracks, wheels, flippers, and more.

Product Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight - Mobility Platform</td>
<td>6.6 lb (3 kg)</td>
</tr>
<tr>
<td>Weight - Optional Manipulator</td>
<td>3.7 lb (1.7 kg)</td>
</tr>
<tr>
<td>Runtime</td>
<td>6-8 hours</td>
</tr>
<tr>
<td>Mobility - Speed</td>
<td>Up to 2.7 mph (4.3 km/h)</td>
</tr>
<tr>
<td>Mobility - Agility</td>
<td>Zero radius turn</td>
</tr>
<tr>
<td>Mobility - Slopes</td>
<td>30° (ascend, descend and lateral)</td>
</tr>
<tr>
<td>Mobility - Vertical Obstacles</td>
<td>7” (17.8 cm)</td>
</tr>
<tr>
<td>Optional Manipulator Lift</td>
<td>3.5 lb (1.6 kg)</td>
</tr>
<tr>
<td>Awareness</td>
<td>Four (4) fixed-focus Near infrared (NIR) cameras Audio</td>
</tr>
<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, multiple accessories, sensors and disruptors supported</td>
</tr>
<tr>
<td>Controller</td>
<td>Multiple controller options available, including the uPoint® Multi-Robot Control System</td>
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<tr>
<td>Export Regulations</td>
<td>EAR</td>
</tr>
</tbody>
</table>

AMERICAS
FLIR Systems, Inc.
Corporate Headquarters
27700 SW Parkway Ave
Wilsonville, OR 97070
Office: +1 877.773.3547

FLIR Systems, Inc.
DC Headquarters
1201 S. Joyce Street
Suite C006
Arlington, VA 22202
Office: +1 703.682.3400

For More Information contact
ugs_sales@flir.com
www.flir.com
NASDAQ: FLIR
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