

SuperDroid

LT2 Bloodhound Robotic Crawler



The SuperDroid LT2-FTPTZ-820 is a rugged surveillance robot that can be quickly deployed by a single person in an emergency to inspect hazardous situations.

Spectis⁺
Robotics

Low Clearance Inspection

Weatherproof chassis designed to go where other robots can't, such as under most vehicles, beds, or other hiding areas

Easy Stair Climbing

The tracks and flipper arms make climbing stairs easy

Climbing Obstacles

Using the flipper arms, the robot can climb almost any obstacle under 24" and self-right if it gets turned over

Hazardous surveillance

Survey hostile/hazardous situations by staying out of harm's way

Clearing rooms remotely

Clear rooms and buildings remotely with audio and video surveillance

Specification

Robot

- > Enclosed weatherproof treaded robot chassis
- > Flipper/stabiliser arms
- > Run time: up to 8 hours
- > Removable Batteries: Lithium Iron Phosphate (LFP) battery system, 24V 9.6 Ah
- > Speed: 0 to 5 feet per second
- > Dimensions (height x width x length): 7 inches, /15 inches (with PTZ) x 19 inches x 27 inches
- > Ground clearance: 2 inches
- > Weight: 62lbs. with PTZ camera
- > Rubber tracks for all terrain navigation

Camera system

- > Front 30X optical zoom camera with 180 degrees tilt and remotely operated LED lights
- > Rear IR backup camera
- > Spring mounted IR camera mounted at the rear of the robot giving good driving perspective
- > Removable top mounted PTZ camera with 30X optical zoom and remotely controlled with high intensity LED lights

Operator Control Unit (OCU)

- > Rugged Pelican case style enclosure with Microsoft Surface Pro 12" touch screen tablet
- > 2.4GHz high power digital radios
- > Lithium-ion battery, 11.1V 10Ah
- > Integrated joysticks to intuitively control drive and cameras
- > 2-way audio
- > Quad view camera display (switch between cameras, split screen, or all cameras in quad view)
- > On Screen Display for status/information
- > Video recording and image snapshots

Battery Charging

- > All the batteries charge simultaneously from a single plug

Options and Upgrades

Repeaters and monitoring stations

Repeaters and monitoring stations are available to increase the robot's operating range and/or assist second entry teams.

Camera

We offer many camera configurations and options including full HD systems and thermal imaging cameras.

Removable Release Hitch

A removable remotely operated release hitch can be added to tow bags, stop strips, etc. and release them.

HAZMAT sensors

Check for hazardous gases with MultiRAE gas sensors including radiation detection.

Additional Battery Packs

24V 9.6 Ah robot battery system and 11.1V control battery.

Additional Customisation

We can provide any additional customisation desired upon request.



Images shown may not be an exact representation of the features listed.

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World-leading
Robotic Crawlers and
Camera Systems