

Spectis Robotics
**MLT Jack Russell
Robotic Crawler**



The MLT Jack Russell Robot is a highly-portable, rugged robot. The treaded design and rear flipper arms allow this robot to climb many obstacles other robots can't touch!

Spectis[!]
Robotics

Quiet and quick surveillance

This robot is compact and lightweight, making it easily deployable.

Drop resistant

This robot is drop resistant up to 10 feet so it can be tossed into rooms, onto balconies or roof tops, etc.

Climbs obstacles

The treaded design and rear flipper arms allow this robot to climb many obstacles that often stop other compact robots.

Clearing rooms remotely

Clear rooms and buildings remotely with mobile audio and video surveillance.

Hazardous surveillance

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

Specification

Robot

- > Rugged enclosed treaded robot chassis weighs less than 9lbs
- > Throwable. Drop Resistant to 10 feet
- > Dimensions: -4.4 inches tall, -9.5 inches wide, -12.75 inches long
- > Ground clearance: -1 inches
- > Run time up to 4 hours depending on use
- > Variable speed up to 120 feet per minute

Operator Control Unit

- > High power Wi-Fi Radio System
- > Tablet with 10" multi touch display
- > Virtual Joysticks that center based on initial touch (allows easy operation without the need to look at the screen to manipulate joysticks)
- > Lightweight
- > Tablet individually paired with robot for encrypted security

Options and Upgrades

High intensity LED Lights

The MLT comes with an IR camera for night vision. For added visibility, high intensity LED lights can be mounted and wired to the robot's power and controlled by the OCU.

Microphone

This option outfits the MLT with a microphone along with a high gain amplifier for one-way audio. The audio is played over the OCU.

2-way audio

The MLT is fitted with a microphone along with a high gain amplifier and a speaker for two-way audio. The audio is transmitted back and forth to the remote/OCU.

Charger and Storage Case

Multiple chargers mounted inside Pelican foam lined case for easy storage and operation. Automatic Maintenance timer and relay cutoff system. The typical recharge time is 3-4 hours.

Different Style Tactical Controllers

We offer several different style of tactical remote controls including handheld remotes, enclosed case remotes, etc. Contact us for more details.

Secondary Monitoring Station and Repeater

Can be used as a 2nd set of eyes for a 2nd entry team or command monitoring station.

Repeater

Great for extending the range of your robot when strategically placed.

Pan and Tilt

Instead of the flipper arm, a 360 degree pan and tilt camera system can be installed.



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