



LT2 Surveillance Platform

SDR_LT2-FTPTZ-525.353.1 Advanced Configuration

The SuperDroid Robots LT2-FTPTZ-525 Surveillance Robot is a medium sized, rugged robot that can be quickly deployed in an emergency. Weighing 45 lbs, this treaded robot can be instrumental in keeping the operator safe while inspecting hazardous situations.

Images shown may not be an exact representation of the robot's features listed in this document



Robot Specifications

- Enclosed weatherproof treaded robot chassis.
- Optional Flipper stabilizer arms.
- Robot Run Time: Up to 8 hours.
- Speed: 0 to 5 feet per second, infinitely adjustable/controllable
- Total height: 7 inches, width: 17 inches (19 inches with flipper arms) and length: 27 inches.
- Ground clearance: 2 inches.
- Weight: ~45lbs.



Operator Control Unit

- COFDM Digital Radios
- Integrated two-axis joysticks
- 7" TFT LCD
- Status LCD
- Lithium-ion battery
- Light-weight
- Rugged Pelican case style enclosure
- Optional repeaters and secondary monitoring stations



Standard Features and Options:

- **Rear Flipper/Stabilizer Arm** – The rear flipper arm can be used to climb virtually anything. They act as a stabilizer arm going up stairs or other steep inclines and can self-right the robot if it gets turned upside down.
- **Cameras** – A front IR camera that can tilt 180 degrees. The robot configuration also features a rear IR backup camera and a spring mounted driving camera allowing you to see the robot and flipper arms as you remotely drive. Also included is a removable PTZ camera that mounts on top of the robot with a 27X Optical Zoom.
- **High intensity LED lights** – For added visibility this option adds high intensity LED lights to the nose tilt camera. The lights are wired into the robot's power and can be remotely tuned on and off.
- **2-Way Audio system** – Two-way audio system provides audio surveillance and negotiation capabilities.
- **Removable Release Hitch** – A removable remotely operated release hitch can be added to tow stop strips, etc. and release them.
- **Battery Charging** - The chargers are fully automatic and will charge all the batteries simultaneously.
- **Store and protect** – Protect your investment with a Pelican Transport Case.



Available Options and Upgrades:

- **Controller options** – We have multiple available radio and controller options. The radio systems we offer are Wi-Fi, digital, and COFDM. For the controller styles we offer rugged handheld and pelican case style enclosures.
- **Repeaters and monitoring stations** – Repeaters and monitoring stations are available to significantly increase the robot's operating range and/or assist second entry teams.
- **Camera** – We offer many camera configurations and options. We can supply Full HD systems or thermal imaging systems too.
- **HAZMAT sensors** – If you need to see if the atmosphere is safe, we can install MultiRAE gas sensors including radiation detection.

Applications:

- **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 Generation 4 LT2 tracks make climbing stairs easy.
- **Climbing Obstacles** – With the attached flipper arms, this robot can climb almost anything that is as high as the robot is long. The robot can also self-right if it gets turned over.
- **Hostage and 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.





Pricing

1. Available by request.

Standard Payment Terms

1. Payment by check, money order or wire transfer is accepted

Delivery

1. Procurement of materials, assembly and testing is required
2. Lead time is typically 4-8 weeks.
3. Shipping cost FOB Fuquay Varina, NC.

General Terms

1. SuperDroid Robots, Inc is not responsible for special incidental or consequential damages resulting from any warranty or under any legal theory, including, but not limited to lost profits, downtime, goodwill, damage to, or replacement equipment or property, or any cost of recovering, reprogramming, or reproducing any data stored. ANY LIABILITY SHALL BE LIMITED TO REPLACEMENT OF DEFECTIVE PARTS. SuperDroid Robots, Inc. is further not responsible for any personal damages, including, but not limited to bodily and health damages resulting from any use of our products.
2. SuperDroid Robots, Inc. makes no representations as to the fitness of its products for specific uses. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS HEREBY EXCLUDED.
3. Agreements shall be construed in accordance with the laws of the State of North Carolina, and the rights and obligations created hereby shall be governed by the laws of North Carolina.
4. In the event a dispute or controversy arises, such dispute or controversy (including claims of default) shall be brought in the courts of Wake County, North Carolina and the plaintiff hereby agrees to this choice of venue.

Warranty

1. SuperDroid Robots will repair any manufacturing defects for 1 year after shipment. Damage from abuse or neglect will not be covered. Additional warranty options are available upon request.
2. Consumable items will not be covered by the warranty. Consumable items include, but are not limited to treads, chains, bearings, wheels, and batteries.
3. Extended warranties, spare parts, and maintenance training is available, contact us with specific needs. Service agreements are also available.
4. Shipping back and forth for service/repair is not included in the warranty.