



LT2 Surveillance Platform

SDR_LT2-FTPTZ-520.356.2 Advanced Configuration

The SuperDroid Robots LT2-FTPTZ-520 Surveillance Robot is a medium sized, rugged robot that can be quickly deployed in an emergency. Weighing 55 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



Specifications:

- **Robot:**
 - Enclosed weatherproof treaded robot chassis.
 - Optional Flipper stabilizer arms.
 - Robot Run Time: Up to 8 hours.
 - Lithium Iron Phosphate (LFP) battery system, 24V 9.6 Ah
 - 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: ~55lbs.
 - Rubber tracks for all terrain navigation
- **Camera system**
 - Front IR camera that can tilt 180 degrees with remotely operated high intensity LED lights.
 - Rear IR backup camera.
 - Spring mounted driving IR 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 with remotely operated high intensity LED lights.



- Video image processor with multiple views including quad view and split screen.
- **Operator Control Unit (OCU)**
 - 2.4GHz high power digital radios
 - Integrated joysticks to intuitively control drive and camera
 - 2-way audio
 - Microsoft Surface Pro Tablet with 12" touch screen
 - On Screen Display for status/information
 - Video recording and image snapshots
 - Lithium-ion battery, 11.1V 10Ah
 - Rugged Pelican case style enclosure
- **Battery Charging** - The smart chargers are fully automatic and will charge all the batteries simultaneously with a single 115VAC plug (230 VAC also available upon request).
- **NIST Qualified Design** – Outperformed competition at National Institute of Standards and Technology event
- **Store and protect** – Protect your investment with a reusable foam lined transport case
- **Unlimited Technical Support**
- **Training Video and PDF Operation Manual**

Available Options and Upgrades:

- **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 system.
- **Removable Release Hitch** – A removable remotely operated release hitch can be added to tow stop strips, etc. and release them.
- **HAZMAT sensors** – If you need to see if the atmosphere is safe, we can install MultiRAE gas sensors including radiation detection.
- **Additional Battery Packs** – 24V 9.6 Ah robot battery system and 11.1V control battery
- **Additional Customization** – Since we develop, design, and manufacture our robot, we can provide any additional customization desired upon request.



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 upon request.
2. 1 year warranty included.

Standard Payment Terms:

1. Payment by check, money order or wire transfer is accepted.
2. Listed price based on 60% Due ARO, remainder prior to shipment.

Delivery

1. Procurement of materials, assembly and testing is required
2. Lead time is typically 8-14 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 years after shipment. Damage from abuse or neglect will not be covered. Any shipping costs are the responsibility of the purchaser.
2. Unlimited technical support.
3. Consumable items will not be covered by the warranty. Consumable items include, but are not limited to treads, chains, bearings, wheels, and batteries.
4. Extended warranties, spare parts, and maintenance training is available, contact us with specific needs. Service agreements are also available.