



HD2-S Surveillance Platform

HD2-T-000.675.3 Basic Configuration

The SuperDroid Robots HD2-T-000 Surveillance Robot is a large sized, rugged robot that can be quickly deployed in an emergency. Weighing about 75 lbs, this treaded robot is ideal for stair climbing and rough terrain as a first set of eyes in a hostile environment for hostage and hazardous surveillance.

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



Robot Specifications

- This weatherproof robot comes complete with chassis, motors, motor controllers, batteries, and tracks.
- Robot Run Time: Up to 8 hours.
- Speed: 0 to 4 ft per second, infinitely adjustable/controllable.
- Weight: ~75 lbs
- Dimensions: Total Width: ~20", Total Length: ~38", Height: ~10" (tread height).
- Assembly: The entire robot will be assembled, configured, tested, and supported by our professionally trained staff here in NC



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).
- Light-weight
- Tablet individually paired with robot for encrypted security
- Optional repeaters and secondary monitoring stations



Included Features and Options:

- **Camera System** - An embedded tilt 36 IR camera is mounted to the main chassis and has 180 degree tilt providing up to 50 feet of visibility in total darkness.
- **Battery Charging** - The chargers are fully automatic and will charge all the batteries simultaneously.



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 Systems** – The camera can be upgraded to a 27X optical zoom camera, or a Pan Tilt system with roll cage can be added. Fixed Front and/or rear cameras can be added too.
- **Audio System** – 1-way or 2-way audio can be added for negotiation with hostages or remote monitoring.
- **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.
- **Store and Protect** - Protect your investment with a foam lined shipping and transport case.

Applications:

- **Tracked Chassis for climbing stairs and obstacles** - The tracked design allows this robot to climb over most obstacles and go up and down stairs.
- **Stealth Remote Surveillance** - The 180 degree tilt and 36IR LED camera let you see in total darkness without visible illumination.
- **Entry into difficult areas** - This tracked robot is rugged and has the ability to traverse many obstacles that often stop other robots.
- **Hostage and hazardous surveillance** – Survey hostile/hazardous situations by staying out of harm's way.
- **Clearing rooms remotely** – Clear rooms and buildings remotely with video surveillance.



Pricing

1. Pricing is available upon request

Standard Payment Terms

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

Delivery

1. Robot is built to order to customer specifications/requirements.
2. Lead time is typically 4-8 weeks

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.