



UM4 Surveillance Platform

SDR_UM4-PT-111.353.1 Standard Configuration

The SuperDroid Robots UM4-PT-111 Surveillance Robot is a small, rugged robot that can be quickly deployed in an emergency. Weighing 14 lbs, this 4WD 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 4WD robot chassis.
- Integrated Roll cage protecting the camera Pan and Tilt.
- Robot Run Time: Up to 8 hours.
- Weight: Assembled robot: 14.5lbs.
- Dimensions: Total height (floor to top of roll cage): 10 inches, total width: 12.75 inches, total length: 14.75 inches.
- Ground Clearance: 2 inches



Operator Control Unit:

- High power Digital Radio System.
- Compact Enclosed Case
- 7" TFT LCD
- Precision Industrial Compact thumb Joysticks
- Light-weight
- Tactical remote individually paired with robot for encrypted security



Standard Features and Options:

- **Camera** – The top mounted pan and tilt camera is an IR camera allowing the user to see in total darkness. The camera pan is 360+ degrees, the tilt is 60 degrees.
- **High intensity LED lights** – The UM4 comes standard with an IR camera for night vision. For added visibility this option adds high intensity LED lights to the roll cage. The lights are wired into the robot's power and can be remotely tuned on and off.
- **Microphone** – The UM4 is equipped with a microphone along with a high gain amplifier. The audio is transmitted back to the remote/OCU.
- **Battery Charging** - The chargers are fully automatic and will charge all the batteries simultaneously.



Available Options and Upgrades:

- **Different Style Tactical Remotes:** We offer several different style of tactical remotes including handheld remotes, tablets, 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.
- **Zoom Camera** – The IR Pan and Tilt camera can be changed to a top mounted tilt only camera which has a 27X optical zoom camera. The robot can pivot turn to pan the camera.
- **PA system** – Two-way audio options are available to provide audio surveillance and negotiation capabilities.
- **Store and protect** – Protect your investment with an optional Pelican Transport Case.

Applications:

- **Quiet and quick surveillance** - This robot is compact and lightweight, making it easily deployable.
- **Hostage and hazardous surveillance** - Survey hostile/hazardous situations staying out of harm's way.
- **Clearing rooms remotely** - Clear rooms and buildings remotely with audio and video surveillance.
- **Remote Surveillance** - The pan and tilt camera with IR allows the robot to see everything.
- **Entry into difficult areas:** - This 4WD robot is very quick and has the ability to traverse many obstacles quickly and effectively.





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 3-6 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.