

Ground Guardian ROBOTICS



Norsat
International Inc.

The new robot from the Ground Guardian Series is a rugged, small, and lightweight portable intelligent reconnaissance robot, making it perfect for carrying in a backpack. This robot can survive being dropped on the ground and can be quickly deployed in narrow spaces. It moves quietly and fast, and is equipped with cameras and pickups to collect real-time audio and video data of the on-site environment, even in darkness.

Users can remotely manipulate the robot to navigate to specific places or to explore dangerous areas while maintaining a safe distance. This allows for real-time monitoring of locations or target objects, enabling quick decision-making and action.

GTR5218



Weight: Up to 4kg

Dimensions: 270 x 255 x 120 mm

Applications

- Surveillance / Reconnaissance
- Remote Inspection
- Hazardous Material Detection
- Emergency Rescue

Key Features

- Light and Rugged
- Throwable
- Numerous Accessories
- Wireless Ad Hoc Network
- Controlled from the Multi-Robot Controller



Norsat International Inc., founded in 1977, is a leading provider of innovative communication solutions that enable the transmission of data, audio and video for remote and challenging applications.

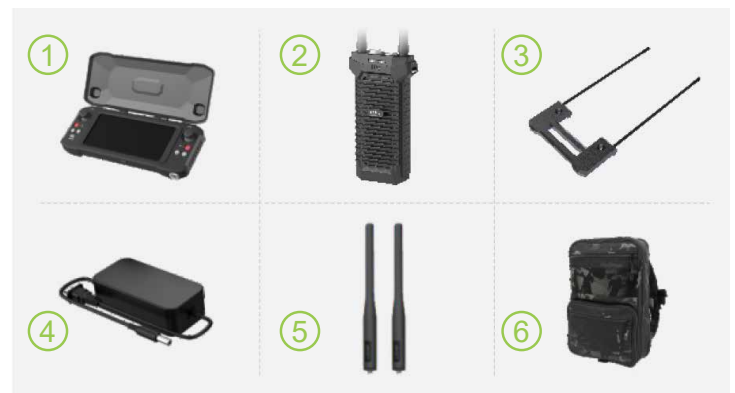
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Specifications

Color Camera	2
Dropping Height	Up to 3 m
Mobility - Agility	Zero radius turn
Mobility - Slope	Up to 35°
Mobility - Speed	up to 7-8 km/h
Mobility - Vertical Obstacles	Up to 180mm
Network Type	Point-to-multipoint or Wireless Ad Hoc Network (iMesh)
Runtime	3.5 hours
Storage Temperature	-25 to +55°C
Working Temperature	-20 to +50°C
Battery Life	Cycle charge and discharge 500 times (20°C)
Battery	2.5Ah, 24V
Camera Resolution	1080P
Communication Distance	1 km

Communication Frequency	800M, 1.4GHz or 2.4G
Lightning Mode of Camera	Infrared Light
Protection Class	IP 67
Load Bearing	up to 4 KG
Size	298 x 254.5 x 140 mm
Weight	3.75 kg

Accessories



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|------------------|------------------|----------------|
| 1. Controller | 2. Comm. Station | 3. Support Rod |
| 4. Power Adaptor | 5. Antenna | 6. Packing Bag |



For more information, visit www.norsat.com/ground-guardian