



TOBOIDS AUTOMATA[®]

QUADRUPED SPIDER BOT

V1.0 (TOBO SPIDIE)

"Tobo Spidie: The Four-Legged Marvel of Mobility."





THE ALL-NEW TOBOIDS AUTOMATA QUADRUPED SPIDER BOT V1.0 (TOBO SPIDIE)

SPECIFICATIONS

Length: 70cm.
Width: 70cm.
Height: 25cm.
Weight: 1.65 kg
IMU: 12 DOF
Camera: 2MP
Distance Sensor: YES
WIFI & Bluetooth: YES
App control: YES
Body: ABS
Floor-type/ Terrain: LAND
Ambient operating Temp: 20c-50c
Battery Voltage: 12V
Battery Capacity: 4400mAh
Battery Chemistry: Li-ion
Battery Access: Non Removable
Continuous runtime: 20 minutes
Full Recharge Time: 1hr

Unlock a new realm of robotics with this marvel of innovation that seamlessly combines advanced features with versatile design. Spider-inspired architecture and a suite of integrated sensors, this robot offers unparalleled flexibility and functionality for various applications, from surveillance to exploration.

DESIGN AND FEATURES

Spider-Inspired Mobility of ToboSpide enables exceptional maneuverability in rugged terrain or indoor environments, boasting three degrees of freedom per leg. Integrated Camera System Offering real-time video feedback. It utilizes precision distance sensors to autonomously navigate obstacles, ensuring safe traversal and operational efficiency. Motion detection capabilities, ToboSpide identifies thermal changes, alerting users to potential intruders or anomalies for heightened security. We can control robot via a mobile app via Wi-Fi. Mobile app offers seamless interaction for commanding movements, accessing live feeds, and configuring. The heart of ToboSpide lies its built-in custom control board, meticulously engineered to orchestrate its sophisticated functionalities with precision and efficiency.

RIGOROUSLY TESTED FOR MAXIMUM RELIABILITY

The body of the ToboSpide is constructed using high-grade ABS materials, meticulously designed and tested to surpass stringent quality and durability standards. With over 100 hours of comprehensive testing, ToboSpide ensures unparalleled reliability and robustness, guaranteeing prolonged performance without compromise. These rigorous tests encompass continuous operation and stress simulations, replicating real-world scenarios to validate ToboSpide's resilience and endurance.

TAILORED UPGRADES

Elevate Your ToboSpide Experience with Optional Upgrades: Includes Force Sensors on Leg Tips, Onboard Computer, and ROS Support, Available for Additional Payment.

"Our company is committed to delivering high-quality and innovative solutions that make a difference in people's lives. Contact us today to learn more about our Spider Robot and other products and how it can benefit your business. Our team of experts is ready to help you find the perfect solution for your needs."



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