



TOBOIDS AUTOMATA[®]

SOCIAL BOT V1.0

"Bringing humanity and technology together for a better tomorrow"



www.toboids.com



THE ALL-NEW TOBOIDS AUTOMATA SOCIAL BOT V1.0

"Bringing humanity and technology together for a better tomorrow."

SPECIFICATIONS

PHYSICAL

Length: 29cm

Width: 29cm

Height : 62cm

Weight (with min battery capacity): 5.1kg

Max translation speed (at or below rated payload): 8m/s

Gyro rotation sensor, automatic position correction: Standard

6-axis IMU: yes

GPS/DGPS Option: No

Pan/Tilt/Zoom camera option: No

Speech Synthesis (Text to speech) software: No

Wireless operation interface option (without an onboard computer): No

Microcontroller Additional: 1

Ground Clearance: 7cm

Rated Payload: 0.200 Kg

Maximum Payload: 0.300Kg

CONSTRUCTION AND ENVIRONMENT

Body: ABS plastics

Environment: IP 20

Floor-type/ Terrain: Plain Terrain

Ambient operating Temperature: 20-50C

Battery Voltage: 12v

Battery Capacity (each battery): 20000mAh

No of battery Modules possible: 1

Capacity(c): 10c

Battery Chemistry: Lithium

Battery Access: Non-Removable

Continuous runtime: 1 hour.

Full Recharge Time: 2 hours.

Suspension: No

The all-new Social Bot V1.0 is an innovative and advanced machine designed to make life easier and more engaging. With its cutting-edge features, it is the ultimate companion that can assist, educate, and entertain in a range of settings.

FEATURES

- **Autonomous Navigation:** The robot can move around a space without human intervention, making it an ideal tool for assistance or entertainment.
- **Human Interaction:** The advanced human interaction capabilities enable the robot to recognize and respond to verbal and nonverbal cues, providing users with a personalized and engaging experience.
- **Multimedia Projection:** The built-in multimedia projection system enables the robot to project photos, videos, and other multimedia content onto a wall, making it a versatile tool for education, entertainment, and information dissemination.
- **2 Degrees of freedom head:** Two DOF allows the robot head to move more precisely and accurately.
- **Computer:** The robot can be used as a computer, providing a range of computing functions and capabilities to users, making it a versatile tool for both personal and professional use.
- **7-inch Touch Display:** The clear and responsive touch display provides an optimal viewing experience and enables users to interact with the robot in a natural and intuitive way.
- **Lidar Sensor:** The powerful sensor enhances the robot's autonomous navigation system, enabling it to navigate complex environments and avoid obstacles in real-time.
- **20000mAh Battery:** The long-lasting battery ensures that the robot can function for extended periods without needing to recharge.
- **Camera for Face Recognition and Video Calling:** The built-in camera enables the robot to recognize users' faces and provide a personalized experience. It can also be used for video calling or meetings.
- **In-built Speaker and Mic:** The high-quality speaker provides clear and crisp sound, enhancing the overall user experience.
- **Depth fall sensor and distance sensor:** This enables the robot with information about its surroundings and helps it navigate through complex environments.



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Pulari Tower, College Junction, Kollam

Pin 691001 Kerala, India

Ph. No. 9446608594

toboidsautomata@gmail.com

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TOBOIDS AUTOMATA: TECHNOLOGY FOR THE FUTURE

APPLICATIONS

- **Healthcare Facilities:** As a companion for patients or a tool for medical professionals to provide information and support.
- **Education Institutions:** As a tool for teachers to engage students or a multimedia kiosk for information dissemination.
- **Retail Spaces:** As a moving kiosk or interactive display for customers.
- **Offices:** As a personal assistant or a tool for productivity and collaboration.

RIGOROUSLY TESTED FOR MAXIMUM RELIABILITY

- Tested over 500 hours for maximum reliability and robustness.
- Manufactured with high-quality ABS material to prevent corrosion and improve longevity.
- Offered with a 6-month warranty and 3-month guarantee.

EASE OF USE AND PORTABLE

- Compact design allows you to transport the social bot easily.
- The remote-control feature helps us to control the social bot from anywhere.



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 social 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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