

magiclab

MagicDog

Consumer-Grade Quadruped Robot



<https://www.magiclab.top/en/dog>

Product Introduction

Magicdog consumer-grade quadruped robot is designed for family companionship and parent-child learning, enabling robots to truly integrate into daily life. Built upon a foundation of stable mobility, it delivers an experience that "responds, interacts, and accompanies" through more natural voice interaction and motion expression. Additionally, Magicdog supports continuously updated gameplay content and multi-device connectivity, upgrading family interaction from single-point entertainment to a sustainable lifestyle experience. For parent-child and maker users, Magicdog also provides a scalable creative and learning space, helping children understand robotics and AI in the real world, progressing from "play and explore" to "learn and master."



Product Highlights

01 Humanized Interaction That "Moves and Expresses"

Magicdog is more than a mobile platform—it emphasizes behavioral expression and interactive feedback: forming more intuitive emotional communication through movements, postures, and sounds, making it "understandable and engaging" for users. Supports voice interaction, expressive LED lighting, motion library, and other intelligent features

02 Reliable Indoor & Outdoor Mobility: Runs Freely at Home, Ready for Outdoors

Designed for typical environments including home floors, carpets, thresholds, and outdoor sidewalks, Magicdog emphasizes stable and controllable movement, reducing everyday usage anxiety about "collisions/falls/getting stuck."

03 Safe & Family-Friendly Design: Peace of Mind with People and Pets

Considering scenarios with children, elderly, and pets, Magicdog emphasizes safety strategies and hardware/software protection: proximity deceleration, collision protection, critical motion limiting, etc., for worry-free interaction.

04 "Ready to Play Out of the Box" Content & Gameplay Ecosystem

Magicdog provides continuously updated gameplay content: from daily interactions to challenge missions, from themed motions to holiday content, ensuring users don't just "let it collect dust after purchase." Continuously updated themed motion packs, challenge missions, OTA updates.

05 Scalable Development & Creation: From Toy to Learning Platform

For parent-child and geek users, Magicdog offers lower-barrier creative capabilities: graphical programming/SDK/open interfaces, supporting everything from simple control to AI application exploration. Secondary development support: graphical programming, SDK, sensor interfaces, sample projects.

06 Multi-Device Connectivity: Taking Smart Home "On the Move"

Magicdog can serve as a mobile home hub, connecting with smartphones, tablets, smart speakers, and home platforms to provide consistent interactive experiences across different rooms.

07 Easy Operations & Maintenance: Easy Charging, Storage, and Upkeep

The core of consumer-grade products isn't "extreme specifications" but "long-term usability." Magicdog emphasizes power replenishment and maintenance experience: worry-free charging, clear status indicators, diagnosable anomalies.



Technical Specifications

Overall Dimensions

670×350×560 mm

Weight

15.8 kg (without battery)

Maximum Load

10kg

Effective Payload

5kg

Maximum Joint Torque

Approximately 37.5 N·m

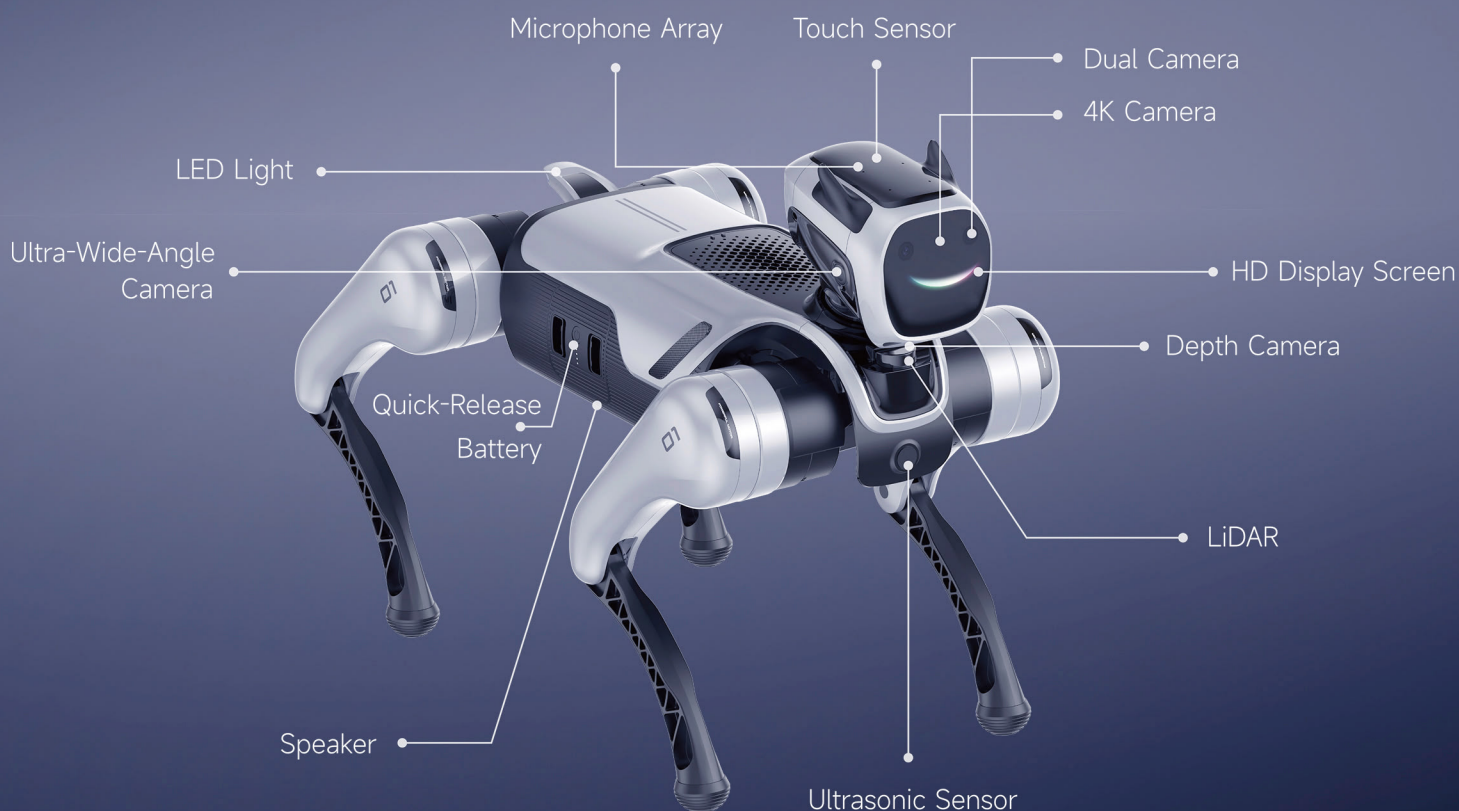
Maximum Operating Speed

3m/s

Maximum Climbing Height

15cm

* Note: Some data measured in laboratory environments, actual products have certain performance constraints for safety considerations.



Application Scenarios

Family Companionship

Magicdog is designed for daily family companionship and emotional interaction, supporting more natural following, responding, and interactive expression, transforming the robot from "can walk" to "has presence."

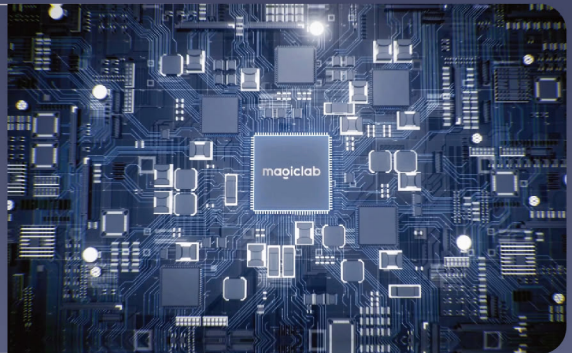
- **Typical Tasks:** Voice interaction, amusing motions/performances, following and greeting, daily family reminders (depending on feature availability).
- **User Value:** Enhances family companionship experience, increases interactive fun and emotional value.



Parent-Child Education

Magicdog serves as an "embodied learning platform" for parent-child interaction, bringing programming, AI, and robotics knowledge from screens into the real world.

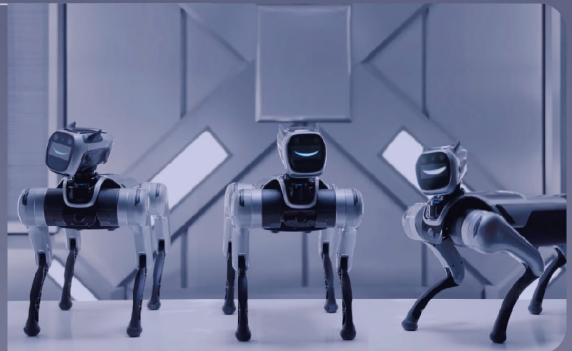
- **Typical Tasks:** Graphical programming control, motion choreography, sensor experiments, course/project-based learning (optional school/institution collaboration versions).
- **User Value:** Lowers learning barriers, enhances hands-on exploration desire, suitable for classroom demonstrations and home learning.



Smart Home & Family Butler

Magicdog can connect with home devices and content services, taking on the role of "mobile hub": going wherever needed.

- **Typical Tasks:** Home patrol, mobile photography and livestreaming, home device control interface, location-specific reminders and announcements (based on actual ecosystem capabilities).
- **User Value:** Upgrades home capabilities from "fixed locations" to "proactively reaching people."



Life Recording & Content Creation

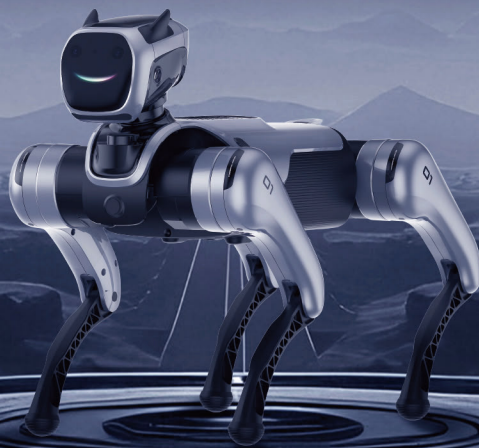
Magicdog is ideal as a mobile filming partner and content creation tool, meeting needs for daily recording, vlogs, livestreaming, event photography, and more.

- **Typical Tasks:** Auto-follow filming, fixed-position shooting, gesture/voice-triggered photography, scene modes (indoor/outdoor/sports).
- **User Value:** Lowers filming barriers, enhances image stability and creativity.



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