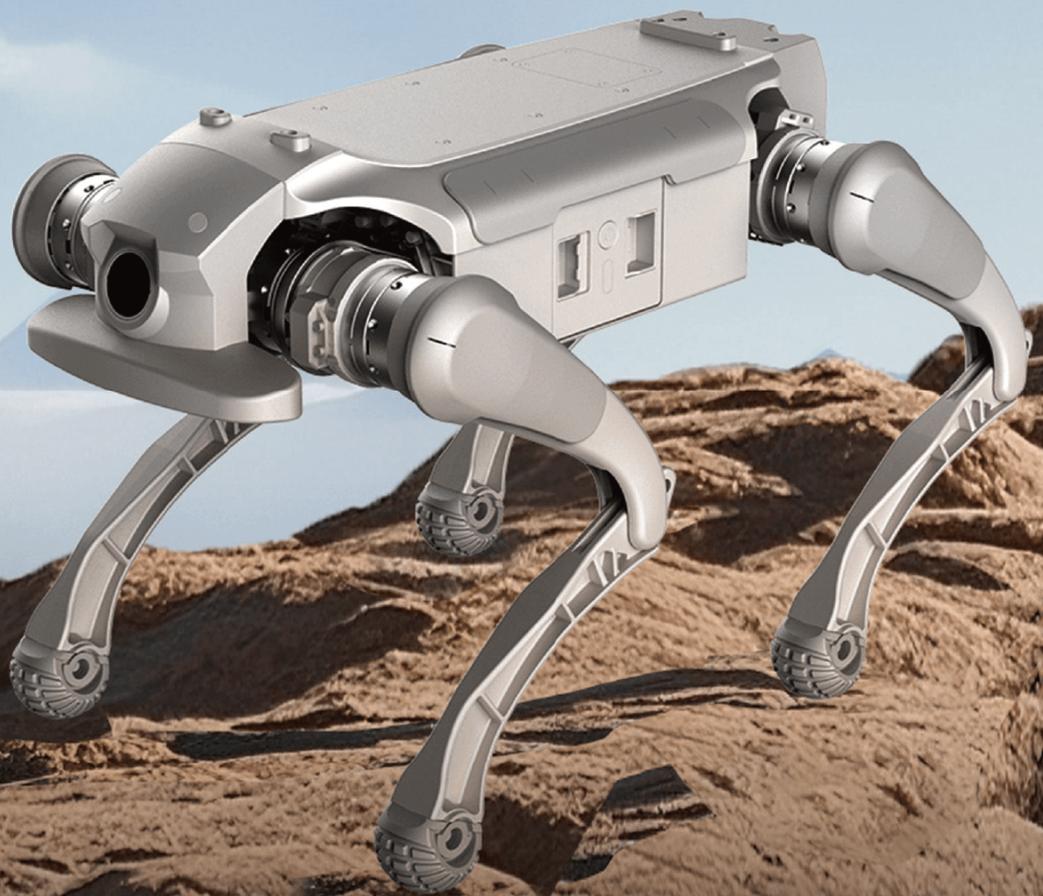


# AGIBOT D1 ULTRA

Industry-Leading Compact Quadruped Robot



The D1 Ultra is a compact bionic quadruped robot designed for speed, agility, and adaptability. Powered by advanced reinforcement learning algorithms, it navigates diverse terrains with ease—whether stairs, rubble, or uneven ground—delivering true all-terrain mobility. Its versatility makes it ideal for security patrols, field exploration, target tracking, academic research, as well as interactive and entertainment platforms.

# KEY FEATURES

## AI-Powered Intelligence

With reinforcement learning at its core, combined with advanced motion control, the D1 Ultra makes real-time intelligent decisions. It maintains balance and agility across challenging environments, from staircases to complex rubble.

## Agile & Versatile Mobility

Lightweight and highly responsive, the robot moves seamlessly through varied terrains and complex environments. Perfectly suited for patrols, search missions, and multi-scenario applications.

## High Power & Endurance

Built on an industry-leading drive system with a specific power of 2kW/kg, the D1 Ultra delivers exceptional output and reliable, long-endurance performance. It supports heavy payloads and extended operations while ensuring stability and reliability.

## Expandable & Customizable

Designed for flexibility, the D1 Ultra supports secondary development and modular customization. Compatible with LiDAR, RGB-D cameras, and other sensors, it enables autonomous navigation, mapping, and task-specific execution—meeting the needs of multiple industries.

# SPECIFICATIONS

Dimensions (Standing)	630 × 360 × 415 mm	Stair-Climbing Height	>16 cm
Dimensions (Folded)	670 × 425 × 145 mm	Climbing Angle	Up to 30° (extreme 40°)
Weight	~15 kg (with battery)	Max Speed	3.7 m/s
Battery	5Ah	Operating Temperature	0°C – 40°C
Endurance	1–2 hours	Protection Rating	IP54
Payload (Continuous)	~5 kg (max 10 kg)	Expansion Ports	Ethernet, USB, Power, SBUS, UART

# APPLICATION SCENARIOS



AGIBOT Innovation (Shanghai) Technology Co., Ltd.  
Contact Number: 400 186 0818  
Website: zhiyuan-robot.com