

Lite 3

Extraordinary Locomotion
Modify with Your Imagination

Torque Revolutionized, Power Redefined

- Extremely high torque density, response bandwidth, and reverse drive efficiency
- Maximum walking load capacity **increased by 40%**, reaching **7.5kg**
- Motion endurance nearly **doubled**, with continuous operation time of **90min** and a range of **5km**



AI Algorithm Upgraded for Smarter More Agile Movements

- **Breakthrough AI Algorithm**
Unlocks all-terrain mobility and stable trick performance
- **Advanced Maneuvers**
Supports high-difficulty moves like handstands and upright balancing
- **Interactive Gestures**
Performs bows, heart signs, moonwalking, and more
- **18cm Obstacle Clearance**
Industry-leading capability for quadruped robots
- **Expandable AI Gaits**
Unlock additional movement patterns to discover new capabilities



Multi-Modal Perception for All-Round Safety



Front/rear
obstacle halt



Recognition-
following



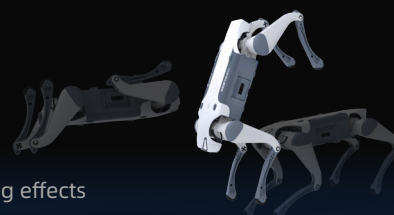
Forward obstacle
avoidance



Autonomous
navigation

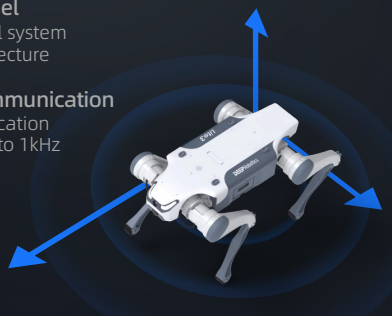
A New Dimension of Human-Machine Interaction, Unlock Diverse Play Modes

- Upgraded traction function with real-time adaptive terrain capability
- Voice-controlled robotic dog movement and interactive performances
- Intelligent light communication system
- New group performance control system supporting customizable motion sequences and lighting effects
- Built-in Hi-Fi speaker



Breakthrough in Industrial-Grade Control Performance with Comprehensive Computing Upgrade

- **Industrial-Grade IMU**
Dual evolution in stability and positioning capability
- **Deeply-Optimized Kernel**
Industrial real-time control system with enhanced core architecture
- **High-Performance Communication**
Ultra-Real-Time Communication with control frequency up to 1kHz



Innovative Modular Architecture Unleashing Boundless Expansion

- Supports integration of diversified modules and various sensors
- Provides advanced perception development interfaces (SDK/API)
- Enables in-depth development of advanced perception capabilities including visual positioning and environmental reconstruction
- Supports OTA upgrades for continuous functional evolution and enhanced user experience



	BASIC	VENTURE	PRO	LIDAR
Standing Size	0.61m*0.37m *0.406m	0.61m*0.37m *0.445m	0.61m*0.37m *0.45m	0.61m*0.37m *0.496m
Weight (Incl. Battery)	12kg	12.2kg	12.9kg	13.5kg
Motion Endurance	1.5–2h			
Endurance Mileage	5km	4km	3.4km	2.7km
Slope	40°			
Stair-climbing Height	18cm			
Walking Load	5kg	4.5kg	4kg	2.5kg
Perception Functions	Front/Rear Obstacle Stop, Visual Following	Front/Rear Obstacle Stop, Visual Following	Front/Rear Obstacle Stop, Visual Following, Forward Obstacle Avoidance	Front/Rear Obstacle Stop, Visual Following, Forward Obstacle Avoidance, Auto Navigation
Hardware Interfaces	–	Ethernet*2; External Power Input (24V/12V/5V)	USB 3.0; HDMI; Ethernet; External Power Input (24V/12V /5V); Power Connector	
Secondary Development	Provide models, motion control SDK and APIs, as well as perception development interfaces with sample code			
Retail Price	From \$2,890	Contact sales for details (Email: partner@deeprobotics.cn)		

All parameters are based on official test data; actual performance may vary.
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