



Snowfield



Lawn



Stairs



Ramp



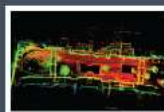
Obstacles



Gravel

Product Parameter

Gross Weight	23kg
Maximum Load	10kg
Standing Dimension (L * W * H)	700mmx 400mmx500mm
Battery Capacity	620Wh
Average Runtime	2-4h
Maximum Speed	3.3m/s
Maximum Slope	30°
Power Interface	12V
Communication Interface	Ethernet
Perception Processor	Intel Core i7/8G RAM
GPU Processor	NVIDIA Jetson Xavier NX



LASER SENSING

Autonomous Navigation
Dynamic Obstacle Avoidance



VISUAL PERCEPTION

Autonomous Navigation
Environmental Reconstruction

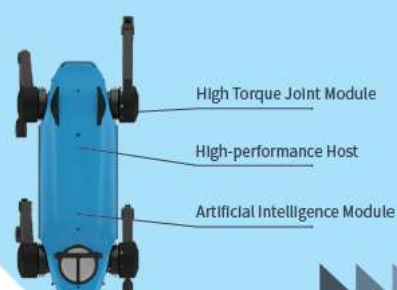
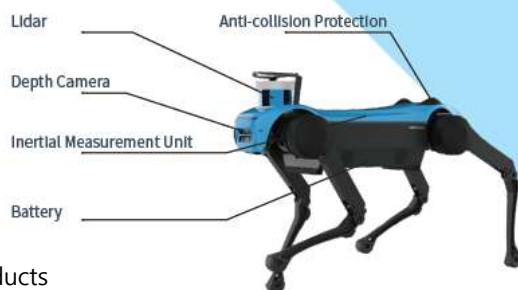


DEEP LEARNING REINFORCEMENT LEARNING

Motion Generation
Object Recognition
Human Body Tracking



JY Mini



DEEPRobotics Products

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Dexterous movement, intelligent interaction,
inspire the innovative imagination of
quadruped robots.

Jueying(JY) Lite2 is a new generation of
dexterous intelligent robot dog,
targeting the innovative needs from
college students and researchers,
it has greatly dexterous sports ability and
intelligent interactive experience.

Motion & perception SDK and documentation
for secondary development are provided,
empower the theoretical innovation and
creative development of intelligent robots

	Explorer Edition	Professional Edition	LIDAR Edition
Gross Weight	10kg	10kg	12kg
Maximum Load	≥7.5kg	≥7.5kg	≥5kg
Standing Dimension	540mmX315mmX355mm	540mmX315mmX355mm	540mmX315mmX355mm
Average Runtime	1-2.5h (Detachable battery)	1-2.5h (Detachable battery)	1-2.5h (Detachable battery)
Maximum Slope	33°	33°	33°
Maximum height of steps	10cm	10cm	10cm
Maximum Speed	3.75m/s (Peak speed > 4m/s)	3.75m/s (Peak speed > 4m/s)	3.4m/s(Peak speed > 4m/s)
Communication Interface	Ethernet/USB/WIFI	Ethernet/USB/WIFI	Ethernet/USB/WIFI
Power Interface	12V/24V	12V/24V	12V/24V
Service Voltage	28.8V	28.8V	28.8V
AI Module	NVIDIA Jetson Nano	NVIDIA Jetson Xavier NX	NVIDIA Jetson Xavier NX
Multy-line LIDAR	/	/	16-line LIDAR
Optional	Mounting bracket, Joystick		
	Provide SDK and documents of secondary development		
	Provide V2 version' s URDF model and DAE files of each parts for simulating		

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