korben

Robot Dog Go2 by Unitree



New and improved intelligent bionic quadruped robot

Korben Dog's Go2 by Unitree is an intelligent and innovative quadruped robot designed to push the boundaries of service robotics. Thanks to its **4D LIDAR L1 recognition system**, it navigates and interacts with its environment with unmatched precision, adapting to the most demanding tasks—whether inspection, research, or entertainment.

With a top speed of about **5 m/s** and a joint torque of **45 N·m**, the Go2 delivers outstanding performance on all terrains. Its battery life of **2 to 4 hours** allows for extended work or demonstration sessions, while its advanced connectivity (**Wi-Fi 6, Bluetooth, and 4G**) ensures fast and secure data transmission.

Equipped with **ISS 2.0 (Intelligent Side-follow System)**, the Gà2 follows and assists its operator smoothly, enabling seamless collaboration in every situation. Robust, versatile, and user-friendly, it's the ideal partner for taking on your technological.

Choose **Korben Dog's Go2** for agile, innovative, and high-performance robotics.

Key Benefits

Super Recognition System
4D LIDAR L1

Max Running Speed
Approx. 5m/s
(tested in lab)

Wireless Module
Wi-Fi6 / Bluetooth / 4G

Ultra-long battery Endurance
Approx. 2h ~ 4h
(Long battery life measured in real life)

Peak Joint Torque
Approx. 45N·m

Intelligent Side-follow System
ISS 2.0

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Product Characteristics

	Type / Specification	AIR	PRO	EDU
Mechanical & Electron	Stand Height	70×31×40cm		
	Weight (With Battery)	~15kg		
	Material	Aluminium alloy + High strength engineering plastic		
	Voltage	28V~33.6V		
	Peaking Capacity	≈3000W		
Performance	Payload	≈7kg (MAX ~10kg)	≈8kg (MAX ~10kg)	≈8kg (MAX ~12kg)
	Speed	0~2.5m/s	0~3.5m/s	0~3.7m/s (MAX~5m/s)
	Max Climb Drop Height	About 15cm	About 16cm	
	Max Climb Angle	30°	40°	
	Basic Computing Power	-	8-core High-performance CPU	
Joint	Peak Joint Torque [1]	-	≈45N·m	
	Range of Motion – Body	-48°~48°	-200°~90°	-156°~48°
	Intra-joint Circuit (knee)	○	○	○
	Joint Heat Pipe Cooler	○	○	○
Force Sensor	Super-wide-angle 3D LIDAR	○	○	○
	Wireless Vector Positioning Tracking Module	-	○	○
	HD Wide-angle Camera	○	○	○
	Foot-end Force Sensor	-	-	○



Tracking module

Remote-controlled or automatic tracking

Front camera

Image tansmission Resolution 1280*720, FOV 120 °
Ultra wide angle lens deliver rich clarity

Front lamp

Brightly lights the way ahead

4D LiDAR L1

360°*90° omnidirectional ultra-wide-angle scanning allows automatic avoidance with small blind spot and stable operation

12 knee joint motors

Strong and powerful
Beautiful and simple
Brandy new visual experience

Intercom Microphone

effective communication with no scenario restrictions

Foot force sensor

Receiving foot perception in real time

Self-retracting strap

Easy to carry and load things

More stable, more powerful with advanced devices

- 3D LIDAR
- 4G ESIM Card
- WiFi6 with Dual-band
- Bluetooth 5.2 for stable connection and remote control

Powerful Computing Core

- Motion controller
- High-performance ARM processor
- Improved AI algorithm processor
- External ORIN NX/NANO

Smart battery

Standard 8000m Ah battery
Long-endurance 15000m Ah battery
Protection from over-temp, overcharge and short-circuit

Speaker for music play

listen to music as your pleasure

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