

UNITREE Go2-W

Driving All Terrain





Built for endless possibilities

Configure with a wide range of payloads including sensors, cameras and more for limitless adaptability.



01 All terrain performance



02 Confident obstacle climbing



03 Effortless stair navigation

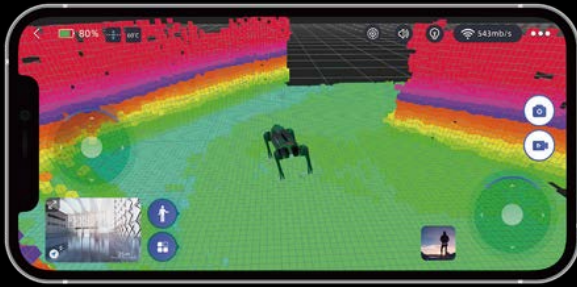


04 Dynamic manoeuvres



Control at your fingertips

Use the app to control, monitor, and customise Go2-W in real time.



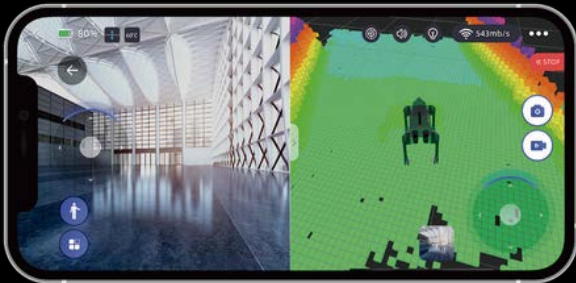
Smart Obstacle Avoidance

Go2-W uses 4D lidar to detect and map its surroundings in real time, enabling smooth and agile movement. It navigates complex spaces with confidence and precision.



Design Routines Visually

Build custom routines using a simple drag-and-drop interface. Intuitive and accessible, it's built to help anyone get started quickly.



Live HD Monitoring

The app provides a real-time video feed with HD clarity. Built-in 4G and eSIM ensure stable connectivity* for remote viewing and control.

* Performance may vary depending on network conditions.



Automatic OTA Updates

With user approval, Go2 installs updates automatically via a secure cloud connection, delivering new features and ongoing improvements.



Specifications

Mechanical Specifications	Dimension of standing	70cm x 43cm x 50cm
	Weight (with battery)	About 18kg
Electronic Specifications	Voltage	33.6V
Performance Parameters	Payload	About 3kg
	Speed	0-2.5m/s
	Max Climb Drop Height	< 70cm
	Max Climb Angle	35°
	Basic Computing Power	8-core High-performance CPU
Joint Parameters	Aluminum knee joint motor	16
	Max Joint Torque [1]	About 45N.m
	Tyres	7 Inch Pneumatic Tyre
Sensor Parameters	Super-wide-angle 3D LIDAR	●
	HD Wide-angle Camera	●
Feature List	Basic Action	●
	Upgraded Intelligent OTA	●
	App Support	●
	Manual Controller	●
	Front Lighting Lamp	●
	WiFi6 4G Bluetooth	●
	Voice Function	●
	Secondary Development [2]	●
Accessories	Expansion Model	Standard 100Tops arithmetic module (Orin NX)
	Battery Type	Long endurance (15000mAh)
	Endurance	1.5-3 hours
	Charger	Fast charge (33.6V 9A)
	Warranty Period	12 months

* Note

[1] The maximum torque in the table refers to the maximum torque of the largest joint motor; the actual maximum torque varies for the 16 joint motors.

[2] For more information, please read the secondary development manual.

- Tip: Due to current technical and computing power limitations, some functions will need to be performed manually or through secondary development.
- This product is a civilian robot. We request that users refrain from making any dangerous modifications or using the robot in a hazardous manner.
- Please visit the manufacturers website www.unitree.com for more related terms and policies, and comply with local laws and regulations.



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