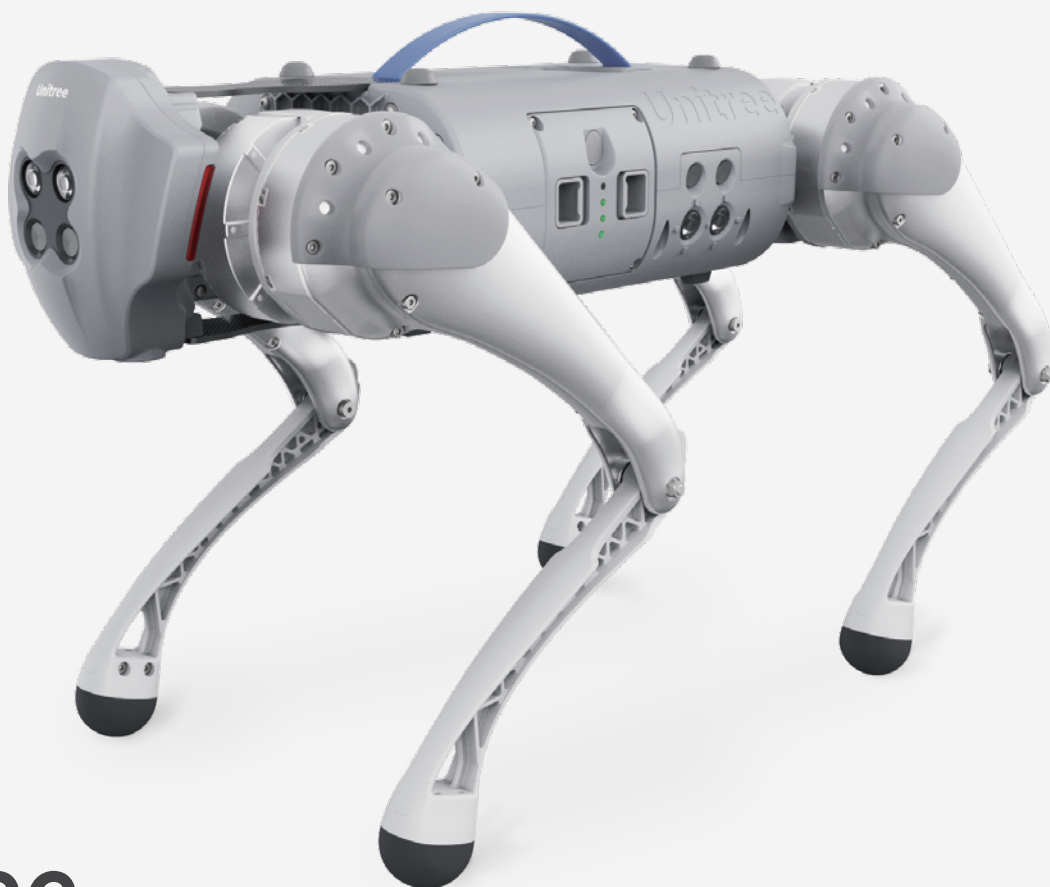
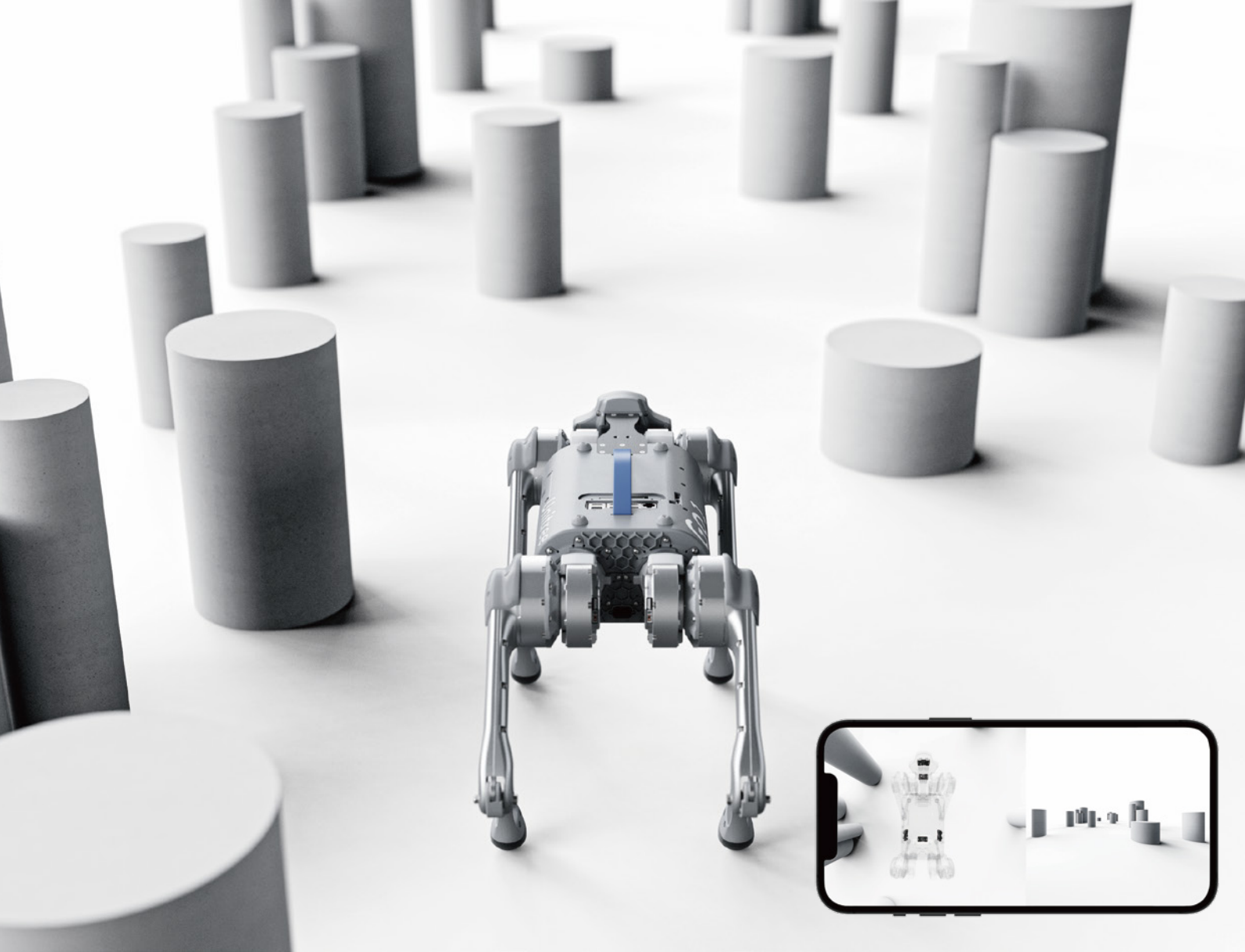


# Go **1**

Go Wherever You Will Go



# Unitree



## APP

It provides omni-directional and ultra wide-angle video image transmission, which can observe the surrounding and terrain of the dog on the app, making the operation within the beyond visual range as simple and convenient as being on the scene.

## Strong & Reliable Power System (Withy Adaptive Joints)

New power joint with super lightweight, low noise and long life.  
Heat pipe cooling system built in the knee joint motor.

Body/thigh joints C1-8: 520g 23.70N.m; Knee joint C1-8×1.5ratio 35.55N.m;



**33.5**  
NM

Torque

**42**  
mm

Thickness

**520**  
g

Weight



## Intelligent Side-follow System

Adopt Patented Wireless Vector Positioning And Control Technology

- 1) Robot walks alongside its human master, which is much better than the conventional following mode. Besides, the human-machine interaction is both harmonious and safe.
- 2) No need to worry about the robot since it's right beside you.
- 3) Capable of helping robot choosing better route in complex environment.



## Super Sensory System

Full View Coverage

5 Sets Fish-eye Stereo Depth Cameras + Ai Post-processing + 3 Sets Hypersonic Sensors

Lens Angle  $\approx 150 \times 170^\circ$



## Built-in Powerful AI

16 core CPU + GPU(384Core, 1.5TFLOPS)

For comparison, the Nvidia TX2 only has CPU (4 cores) +GPU(256Core, 1.3TFlops) with price at 468+dollar.

# Start The Era Of Mobile Robots Truly Entering The Lives Of The People

Unitree Robotics is a well-known start-up company in the world's robotics circle, and an outstanding pioneer in commercializing high-performance quadruped robot in the worldwide market, pushing mobile robots into people's lives.

Specification/version	Go 1 Air	Go 1 Pro	Go 1 Edu
Super Sensory System 1	1Set	5Set	5Set
Ultrasonic Sensor	3Set	3Set	3Set
Processor	1 *(4*1.43GHz 128Core 0.5T)	3* (4*1.43GHz 128Core 0.5T )	2 Nano + (1 Nano or 1 NX)
Intelligent Side-follow System 1	1	1	1
RTT1 Transmission	1	1	1
Adapter	24V, 4A	24V, 6A	24V, 6A
Controller	1	1	1
Payload	≈3Kg	≈3Kg	≈5Kg (Max~10Kg)
Heat Pipe Cooler	1	1	1
Speed	0~2.5m/s	0~3.5m/s	0~3.7m/s(Max~5m/s)
Lidar	○	○	Optional 2D or 3D
Graphic Processing API (OTA)	●	●	●
Research Programming API	○	○	●
Python Programming API	○	○	●
HAI 1 Human Recognition	○	●	●
APP Top View	○	●	●
4G Or 5G	○	○	●
Foot Force Sensor	○	○	●
Multifunction Extension Interface	○	○	●

\*This manual will be appropriately modified based on product improvements, specification changes and other reasons, without additional notice.

# Unitree

Web: [www.unitree.com](http://www.unitree.com)  
Tel: 400 626 6518  
Email: [laikago@unitree.cc](mailto:laikago@unitree.cc)



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