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PRODUCT BROCHURE
2026 edition



UNITREE · ENTERPRISE QUADRUPED ROBOTS · ROBOTIX MARKET

Unitree

Go2 Enterprise

Go2 Ent · Ent Plus
Ent MTPTZ · Ent GAS

The Go2 legged robot, fitted out for patrol, inspection, emergency response and air monitoring

One 15 kg Go2 body, four sets of mission equipment: live 1080P video over a 5.8G link with 4G backup, a searchlight and loudspeaker, a thermal imaging gimbal, or gas sensors.



Go2 Ent
Live video



Go2 Ent Plus
Light and voice



Go2 Ent MTPTZ
Thermal imaging



Go2 Ent GAS
Gas detection

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OVERVIEW

One Go2 body, four field configurations

The Go2 Enterprise series is Unitree's Go2 quadruped equipped for work rather than development: a compact legged body with 12 joint motors and a 4D LiDAR, plus mission equipment on its back. Three configurations share a handheld controller with its own screen and a long-range video link and add light and voice, or thermal imaging. The fourth, built on the Go2 EDU, carries gas and air sensors.

Legs where wheels stop

All four: 12 joint motors take the Go2 up steps of about 16 cm and slopes up to 40°.

Sees in 3D

All four: Unitree's 4D LiDAR L2 under the head scans 360° × 96° and sees obstacles from 0.05 m.

Compact body

About 70 × 31 × 40 cm standing and about 15 kg with its battery; it crouches to 20 cm high.

Live video

Ent, Ent Plus, MTPTZ: two 1080P cameras with a 120° view and four fill lights, latency as low as 180 ms.

Two radio links

Ent, Ent Plus, MTPTZ: a 5.8G main link carries control and video, with all-network 4G as backup.

Mission equipment

A searchlight, warning light and loudspeaker on the Ent Plus, a thermal gimbal on the MTPTZ, gas sensors on the GAS.

15 kg	1080P	180 ms	550 °C	6 gases
GO2 BODY WITH BATTERY	LIVE VIDEO · ENT, PLUS, MTPTZ	VIDEO LATENCY, AS LOW AS	TOP THERMAL RANGE · MTPTZ	PLUS TEMPERATURE, HUMIDITY · GAS

Which Go2 Ent?

THE SAME BODY, FOUR SETS OF MISSION EQUIPMENT



1080P
LIVE VIDEO

Go2 Ent

Eyes on site for patrol, inspection and surveillance

- Handheld remote controller with its own screen
- 5.8G main link with all-network 4G backup
- Two 1080P cameras, 120° view, four fill lights



3,000 lm
SEARCHLIGHT

Go2 Ent Plus

Adds light and voice for search, rescue and public safety

- Everything on the Go2 Ent
- 30 W searchlight, 10 W red and blue warning light
- Loudspeaker heard up to 500 to 800 m



640 × 512
THERMAL SENSOR

Go2 Ent MTPTZ

Adds thermal imaging for equipment checks and night work

- Everything on the Go2 Ent
- Dual-light head on a three-axis stabilised gimbal
- Measures –20 to 550 °C in two gain ranges



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MEASUREMENTS

Go2 Ent GAS

Gas and air monitoring, built on the Go2 EDU

- O_2, CO, CO_2, CH_4, H_2S, benzene, temperature, humidity
- Readings in the Unitree Go2 app
- Two-hand remote controller; no screen controller or camera module

The Go2 body, its 4D LiDAR and its head camera are the same on all four. The mission equipment differs, and so does the controller on the Go2 Ent GAS.

Writing your own software or mounting an arm? The Ent configurations are field tools: a depth camera, servo arm or extra LiDAR cannot be added to the Ent, Ent Plus or MTPTZ. For research and custom development see our Go2 EDU brochure; for home and everyday use, the Go2 consumer brochure. Both are linked on the back page.

GO2 ENT · GO2 ENT PLUS

Live video, light and voice on site

The Go2 Ent puts a camera module on the Go2's back and pairs the robot with a handheld controller that has its own screen. The Go2 Ent Plus keeps all of that and adds a three-in-one kit: searchlight, red and blue warning light and a long-range loudspeaker.



Go2 Ent Plus. The Go2 Ent is the same robot without the three-in-one kit on top.

1 Three-in-one kit · Ent Plus
Searchlight of 30 W and 3,000 lumens, a 10 W red and blue warning light with several flash modes, and a loudspeaker heard up to 500 to 800 m.

2 Camera module · Ent, Plus, MTPTZ
Two 1080P cameras with a 120° wide-angle view and four high-brightness fill lights, for video in poor light.

3 Head camera and front lamp
The Go2's own HD wide-angle camera and lamp, on every Go2.

4 4D LiDAR L2
Under the head: a 360° × 96° view and obstacles from 0.05 m, for obstacle avoidance.

5 Joint motors
Three per leg, 12 in all, peak joint torque about 45 N·m, with heat-pipe cooling.

Quick-release smart battery
The battery capacity supplied with the Ent configurations is confirmed with your quotation.

The control kit

GO2 ENT · ENT PLUS · ENT MTPTZ

Controller
Handheld remote controller with its own screen: drive the robot and watch its video on one unit.

Main link · 5.8G
Control, telemetry and digital video travel together as one integrated signal.

Backup link · 4G
An all-network 4G link stands by as the backup communication link.

Video
1080P, latency as low as 180 ms; two 1080P channels at once, and a standard network-port video stream input.

What the Ent Plus kit does

FROM THE CONTROLLER

- Real-time shouting through the loudspeaker
- Recording upload, audio playback and text to speech
- Searchlight: constant light, burst flash, brightness adjustment
- Warning light: red and blue burst flash, with switchable flash modes

Sound range depends on the surroundings and the background noise.

GO2 ENT MTPTZ · GO2 ENT GAS

Heat and air, measured from a distance

Two configurations bring measurement to the robot: a thermal imaging gimbal that reads surface temperatures, and a gas module that samples the air where the robot stands.

Go2 Ent MTPTZ

Everything on the Go2 Ent, plus a thermal gimbal



A dual-light head with a thermal imaging sensor sits on a three-axis stabilised gimbal on the robot's back, inside a protective frame. It is steered from the app on the screen controller.

THERMAL IMAGING	
Resolution	640 × 512
Waveband	8 to 14 µm
High gain	−20 to 150 °C, accuracy ±2 °C
Low gain	50 to 550 °C, accuracy ±5 °C
GIMBAL	
Stabilisation	three-axis, angle jitter ±0.01°
Pitch	−90° to +25°
Pan	−270° to +270°
Roll	−45° to +45°
Control	app on the screen controller
ALSO ON BOARD	
Controller	handheld, with its own screen
Radio links	5.8G main link, all-network 4G backup
Cameras	two 1080P, 120° wide angle, four fill lights
Not included	depth camera; no servo arm or extra LiDAR options

Typical work: temperature checks on electrical and mechanical equipment, and finding heat sources in the dark.

Go2 Ent GAS

Gas and air monitoring, built on the Go2 EDU



Built on the Go2 EDU, supplied without its docking station. The gas readings are shown in the Unitree Go2 app; the robot is driven with the two-hand remote controller.

MEASUREMENT	RANGE	ACCURACY
Oxygen (O_2)	0 to 30 %	±3 %
Carbon monoxide (CO)	0 to 1,000 ppm	±3 %
Carbon dioxide (CO_2)	Confirm at quote	±3 %
Methane (CH_4)	0 to 100 %	±3 %
Hydrogen sulfide (H_2S)	0 to 100 ppm	±3 %
Benzene	0 to 100 ppm	±3 %
Air temperature	−40 to 70 °C	±1 °C at 25 °C
Humidity	0 to 100 %	±3 %

GO2 EDU PLATFORM	
Battery	15,000 mAh, about 2 to 4 h
Charger	fast charger, 33.6 V 9 A
Wireless	Wi-Fi 6, Bluetooth, 4G
Speed	0 to 3.7 m/s
CONFIGURATION	
Interfaces	Ethernet and RS-485
Packed in	the standard Go2 case
Not included	screen controller with dual cameras, depth camera

Typical work: checking the air in tunnels, plant rooms and confined spaces before people go in.

WHERE IT WORKS

Five jobs for a Go2 on enterprise duty

A legged robot the size of a medium dog goes up steps, over kerbs and through doorways, and sends back what a person would otherwise have to walk in to see.

Security patrol
Night and perimeter rounds with live 1080P video on the controller's screen, with all-network 4G standing by as a backup link.

GO2 ENT · ENT PLUS

Site inspection
Walk-throughs of plant rooms, substations, tunnels and pipe galleries, climbing steps on the way. The MTPTZ adds temperature readings.

GO2 ENT · ENT MTPTZ

Search and rescue
A first look into dark or damaged spaces before people enter, with light to see by and a loudspeaker to talk to anyone inside.

GO2 ENT PLUS · ENT MTPTZ

Air monitoring
Oxygen, toxic and combustible gas readings in tunnels, plant rooms and confined spaces, shown in the Go2 app.

GO2 ENT GAS

Incidents and events
A mobile camera, searchlight, warning light and loudspeaker for guiding crowds and seeing a scene as it develops.

GO2 ENT PLUS



The Go2 body under every model

SAME ON ALL FOUR

4D LiDAR L2
360° × 96° view; detects obstacles from 0.05 m

12 joint motors
Peak joint torque about 45 N·m; heat-pipe cooling, wiring inside the joints

Range of motion
Body −48° to 48°, thigh −200° to 90°, shank −156° to −48°

Build
Aluminium alloy and high-strength engineering plastic

Power
28 to 33.6 V; about 3,000 W at maximum working power

Wireless
Wi-Fi 6 dual band and Bluetooth on every Go2

Before you deploy

NOTES FROM UNITREE'S SPECIFICATIONS

Radio and 4G
Video quality and range vary with the radio environment. Unitree states that the 4G of the international Go2 works in 43 European countries (not Ukraine) and some Asian regions; 4G for your country is confirmed with your quotation.

Explosive atmospheres
Unitree states no explosion protection for these robots. Where an explosive atmosphere can occur, confirm suitability before you deploy.

Load and ground
The Go2 body carries about 8 kg and the mission equipment counts towards it. Steps of about 16 cm and slopes up to 40°, depending on the surface.

Adding hardware
A depth camera, servo arm or extra LiDAR cannot be added to the Ent, Ent Plus or MTPTZ. For a custom build, see the Go2 EDU.

Civilian robot
Unitree builds the Go2 as a civilian robot and asks users to make no dangerous modifications to it.

SPECIFICATIONS

The four configurations side by side

Mission equipment, controller and links set the models apart. A value shown once across a row applies to all four.

	Go2 Ent Live 1080P video over a 5.8G link with 4G backup	Go2 Ent Plus Adds searchlight, warning light and loudspeaker	Go2 Ent MTPTZ Adds a thermal imaging gimbal	Go2 Ent GAS Gas and air monitoring on the Go2 EDU
GO2 BODY AND MOBILITY				
Size standing · crouching	approx. 70 × 31 × 40 cm · 76 × 31 × 20 cm			
Body weight with battery*	approx. 15 kg			
Joint motors	12, peak joint torque approx. 45 N·m			
Payload of the Go2 body	approx. 8 kg			
Steps · slopes	approx. 16 cm · up to 40°			
Speed	**Confirm at quote**			**0 to 3.7 m/s**
POWER				
Voltage · max working power	28 to 33.6 V · approx. 3,000 W			
Battery	**quick-release smart battery, capacity confirmed at quote**			**15,000 mAh long-endurance smart battery**
Runtime · charger	**Confirm at quote**			**approx. 2 to 4 h · fast charger 33.6 V 9 A**
PERCEPTION AND MISSION EQUIPMENT				
4D LiDAR under the head	L2: 360° × 96°, from 0.05 m			
Camera module on the back	**two 1080P cameras, 120° wide angle, four fill lights**			**not included**
Light and sound	**no**	**30 W searchlight, 10 W red and blue warning light, loudspeaker heard up to 500 to 800 m**	**no**	
Thermal imaging	**no**		**640 × 512, 8 to 14 µm; −20 to 150 °C and 50 to 550 °C**	**no**
Gas and air sensors	**no**			**O_2, CO, CO_2, CH_4, H_2S, benzene, air temperature, humidity**
CONTROL AND VIDEO				
Controller	**handheld remote controller with its own screen**			**two-hand remote controller and the Unitree Go2 app**
Radio links	**5.8G main link for control and video, all-network 4G backup**			**Wi-Fi 6, Bluetooth and 4G of the Go2 EDU**
Live video	**1080P, latency as low as 180 ms, two channels**			**head camera, in the Go2 app**
Interfaces	**standard network-port video stream input**			**Ethernet and RS-485**
NOT PART OF THESE MODELS				
Depth camera	not included			
Servo arm or extra LiDAR	**not available as options**			**Confirm at quote**

*Weight of the Go2 body; the mission equipment adds to it. "Confirm at quote": Unitree publishes no figure for that model. The Go2 Ent GAS is built on the Go2 EDU, so its speed, battery and links are the Go2 EDU's. Figures were measured under good conditions and vary with the site.

Figures: Unitree Go2 product page and specifications (2026), Unitree Go2 brochure v1.1, Unitree Go2 Ent configuration list. Specifications may change; confirm at quotation.

Choosing a model

Go2 Ent for

- Patrol and surveillance
- Visual inspection rounds
- Live video at range

Go2 Ent Plus for

- Search and rescue
- Public safety and events
- Talking to people on site

Go2 Ent MTPTZ for

- Equipment heat checks
- Heat sources in the dark
- Video inspection

Go2 Ent GAS for

- Air checks before entry
- Confined spaces
- Gas readings in the app

NEXT STEP

Get a quotation for your Go2 Enterprise

Tell us what the robot should do on site, where it will work, how far the operator will be from it and how many robots you need. We will recommend the configuration, confirm the battery and accessories, and come back with a delivery estimate to your address and a formal quotation.

Request a quotation

Configuration, accessories and delivery are confirmed with your quotation. Robotix Market ships worldwide.

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SCAN OR CLICK FOR EACH MODEL

Go2 Ent
Product page

Go2 Ent Plus
Product page

Go2 Ent MTPTZ
Product page

Go2 Ent GAS
Product page

Useful to have ready

- The job: patrol, inspection, rescue or air checks
- Indoors or outdoors, and the ground and steps on the way
- Operator distance, and whether 4G is available on site
- Number of robots and spare batteries

Sourced new

Supplied new through established distribution channels.

Manufacturer warranty

Ships with the manufacturer's warranty; the terms for your country are confirmed with your quotation.

Support

Technical support is coordinated with the manufacturer's service network.

In the box

Per Unitree's configuration list: the Go2 Ent, Ent Plus and Ent MTPTZ come with the handheld remote controller with screen; the Go2 Ent GAS comes with the two-hand remote controller, packed in the standard Go2 case. The full packing list, battery and charger included, is confirmed with your quotation.

Options

Spare batteries and chargers are quoted separately.

See the Go2 move

Unitree Go2 film: youtube.com/watch?v=iaBDDpuJglY

The rest of the Go2 family

FOR RESEARCH AND CUSTOM DEVELOPMENT

Go2 EDU brochure

The Go2 built for your own software and add-on hardware.

robotixmarket.com/brochures/unitree-robotics-go2-edu-standard.pdf

FOR HOME AND EVERYDAY USE

Go2 consumer brochure

The Go2 for home and hobby: a robot dog that walks, follows and explores with you.

robotixmarket.com/brochures/unitree-robotics-go2-pro.pdf

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