

A red and grey quadruped robot, ANYmal Gen. D, is shown in a dynamic pose. It has a red body, grey legs, and a grey head with two cameras. The robot is positioned on the left side of the frame, facing right.

ANYmal Gen. D

- Leading Mobility
- Full Autonomy
- Intelligent inspection
- Industrial Grade

ANYbotics

ANYmal D Highlights

Leading Mobility

ANYmal's legged design and AI-based mobility software provide unprecedented mobility and performance. Combined with its obstacle avoidance capabilities, the robot is ready for use in complex and dynamic environments. The robot reliably navigates any environment and traverses rough terrain with ease. ANYmal can complete challenging missions requiring it to climb steep stairs, traverse narrow corridors, or cross rough or slippery surfaces.

Intelligent Inspection

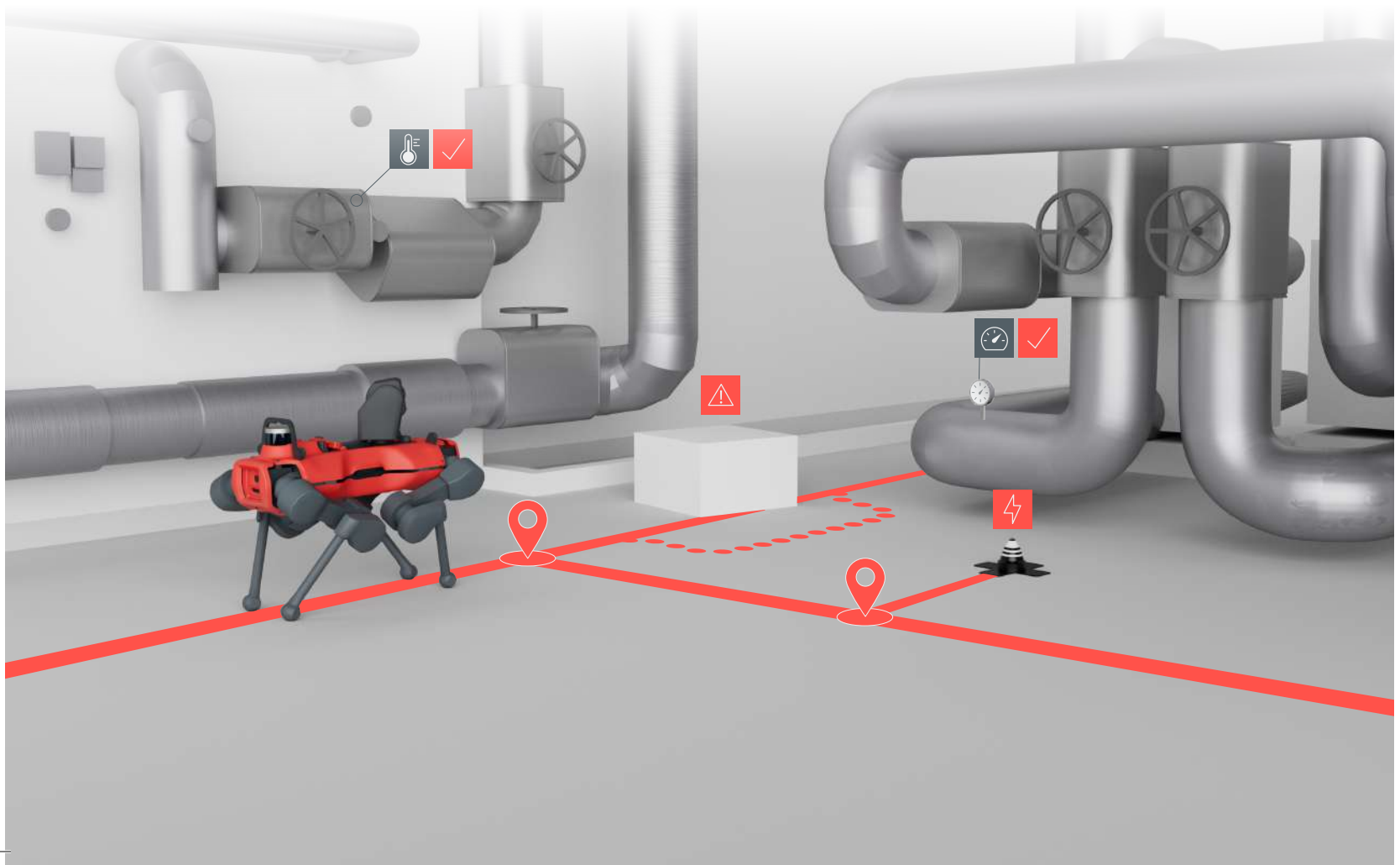
Utilizing high resolution sensors and cutting-edge machine learning, ANYmal delivers accurate real-time data, uploaded directly to customer systems via our ANYmal API.

Full Autonomy

ANYmal's unparalleled ability to perceive and navigate its environment powers fully autonomous operation. Once it maps an environment, the robot remembers every detail and can dynamically plan the best route to perform its mission, even without an internet connection. The robot's capabilities to avoid collisions, plan & re-plan paths, and recharge autonomously enable safe, efficient, and continuous autonomous operation.

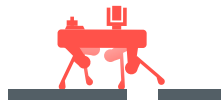
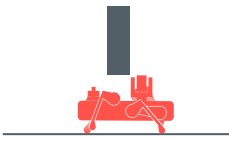
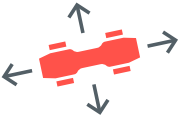
Industrial Grade

ANYmal is purpose-built for use in intricate industrial environments. Ruggedized design, impact protection, and IP67 dust and waterproofing make it well-suited to operating in harsh conditions.



Technical Highlights

Mobility

STEP 9.84 in 	WALKING SPEED Up to 4.27 ft/s, recommended 2.46 ft/s for increased efficiency. 	NARROW SPACE 23.62 in 	SLOPE ±30 ° 
ACCURATE POSITIONING Knows its absolute location with centimeter accuracy. 	GAP 11.81 in 	SUSPENDED 23.62 in 	OMNIDIRECTIONAL Steps sideways and turns in place. 

Stairs

ANYmal is capable of climbing and descending a variety of industrial stair types:

- Up to 45°
- Max rise 9.06 in
- Min run 8.27 in
- Min width 31.50 in
- Open risers
- Grated steps



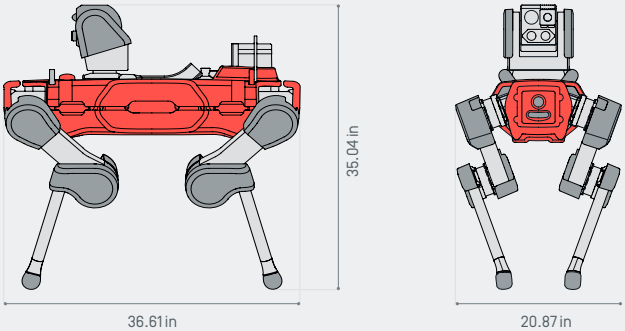
Battery

Battery & capacity	Swappable Li-ion battery, UN 38.3 certified 932.4 Wh
Running time & range	90-120 minute on a full charge 2.49 mi range on a full charge, up to 1.24 mi for a typical inspection mission depending on payload weight and number of inspection points
Recharge time	3 h for full charge, 100 min for 70 % quick charge
Dimensions	18.35 × 5.35 × 3.07 in (L/W/H)
Weight	12.13 lbs
Ingress protection	IP67

Environment

Temperature	Specified: 32–104°F Typical: 14–122°F
Day & night	No light required for autonomous operation and inspection. Low light (min. 20 lux) needed for automatic docking and tele-operation.
Water & dust ingress protection	Fully protected against water and dust (IP67) and can operate in humid and dusty conditions.
Industrial floor	ANYmal walks on metal, concrete, gratings / checkerboards, gravel, soil, dirty, wet and slippery floors.

ANYmal

Dimensions	Length: 36.61 in Width: 20.87 in (walking) Height: 35.04 in (walking) 18.50 in (lying on ground)	
Weight	110.2 lbs / 122.8 lbs with Inspection Payload	
Walking speed	4.27 ft/s maximum 2.46 ft/s recommended	

Getting Started

ANYbotics is a global leader in AI-based robotic inspection solutions for industrial use cases. ANYbotics partners with top-tier companies to deliver ready-to-use, integrated inspection solutions for complex, hazardous environments. ANYbotics' solutions enhance safety, productivity, and sustainability by providing robots with advanced mobility, autonomy, and inspection intelligence.

We have expanded our global footprint with an office in San Francisco to better serve our US customers. Contact our San Francisco team at anybotics.com to learn how our autonomous inspection solutions can optimize your operations and schedule a demonstration at your facility.



Use Cases

Explore how ANYmal is revolutionizing industries by automating inspection tasks in Energy, Chemicals, Metals, and Mining. Learn about ANYmal's transformative impact and read our success stories at anybotics.com/news/.

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