

DEEP Robotics



DR-02

The World's First All-
Weather, Industrial-Grade
Humanoid Robot

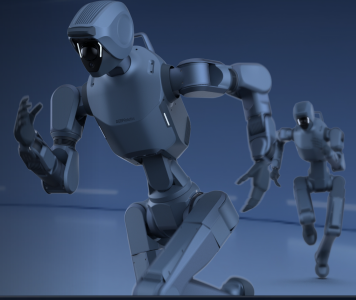
IP66 Dustproof & Waterproof Protection

Designed for all-weather outdoor operations.



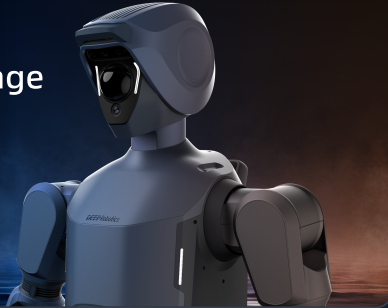
High Motion Performance

- Walking speed: 1.5 m/s
- Maximum speed: 4 m/s
- Stair climbing height: 25 cm
- Slope angle: 20°



Wide Operating Temperature Range

-20°C to 55°C



Comprehensive Hardware Configuration

- High computing power: Up to 275 TOPS of AI performance
- Multi-sensor fusion:



Key Specifications



Depth cameras **x3**

LiDAR sensor **x1**

Arm joints with independent degrees of freedom **x7**

Waist joints with independent degrees of freedom **x3**

Height: 175cm

Weight: 75kg

Arm length: 68cm excluding end effector

Degrees of freedom: 31↑ excluding end effector

Swappable battery

x1 Wide-angle camera

x2 Neck joints with independent degrees of freedom

High-performance computing module

x6 leg joints with independent degrees of freedom

*All parameters are based on official test data; actual performance may vary.

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official website