INDRO ROBOTICS

B2 ROBOT

Go Beyond the Limits

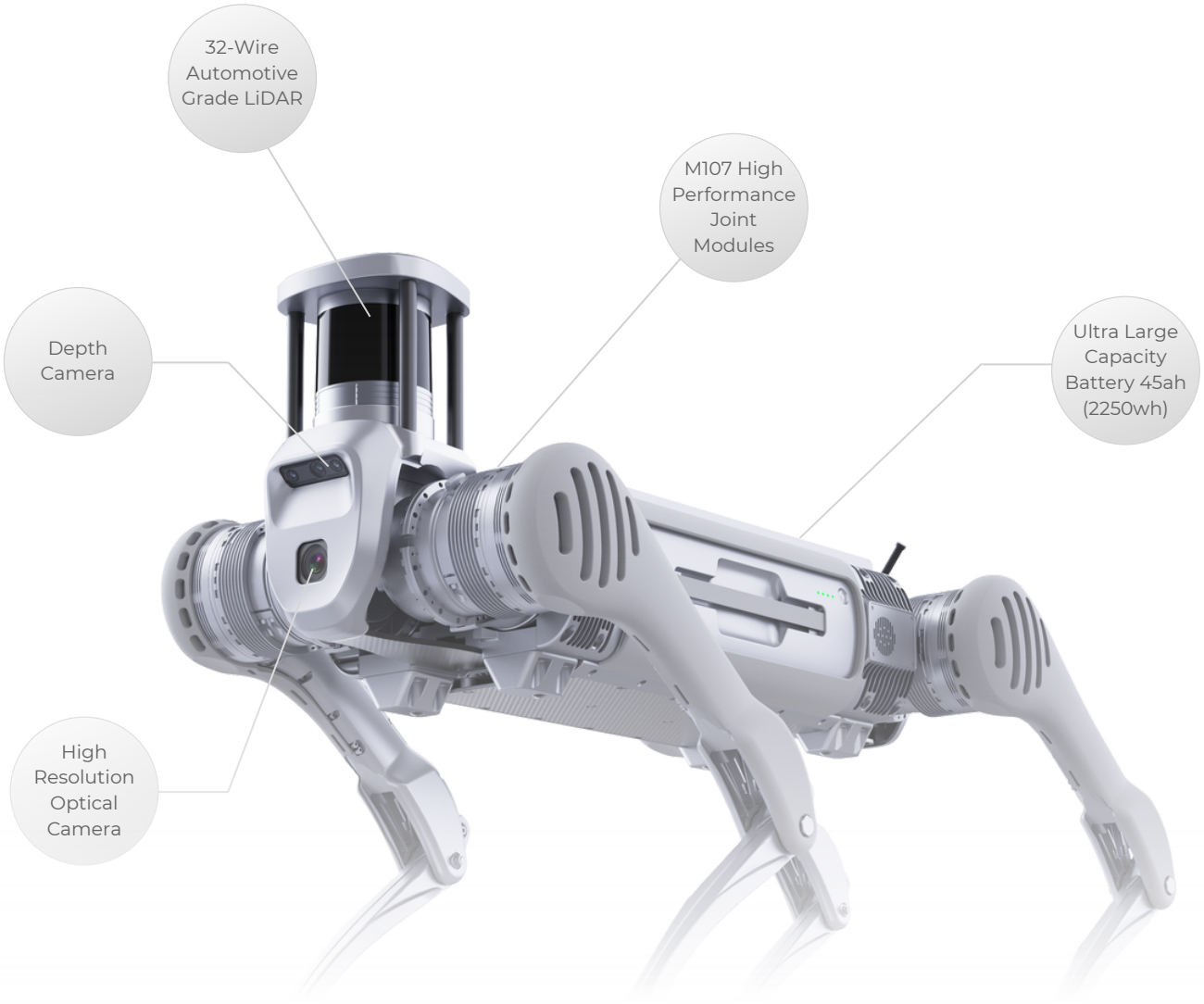


B2 ROBOT

INDRO ROBOTICS

VERSATILE QUADRUPED WITH COMPREHENSIVE SCENE ADAPTATION CAPABILITIES

The comprehensive performance in terms of load, endurance, motion capability and speed is two to three times that of existing quadrupeds worldwide!



>6M/S
Max Running Speed

360N.M
Max Joint Torque

>1.6M
Longest Jump Distance

120KG
STANDING LOAD

>40KG
WALKING LOAD

Payload

40CM
OBSTACLE CROSSING

>45°
SLOPE ANGLE

Max Walking Capacity

>5H
WALKING WITHOUT LOAD

>4H
20KG WALKING LOAD

Endurance

THE VERSATILE, ALL-TERRAIN COMPANION

INDRO ROBOTICS

Leading Industrial Intelligence in All Scenarios



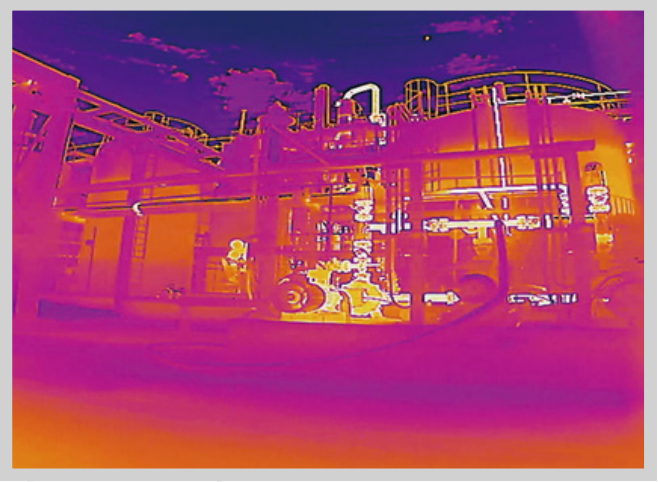
POWER INSPECTION

Intelligent Power Solutions
Industry Application Leader



EMERGENCY RESPONSE

Works on all-terrain like long stairs, rock piles, steep slopes, etc.



INDUSTRIAL INSPECTION

Infrared Scanning
3D Mapping
Optimized Environmental Perception

WHEELED AND LEGGED FORMS
BREAKING THROUGH ENDURANCE LIMITATIONS



The ingenious structural design of the B2 allows for seamless transformation between legged and wheeled configurations, providing an optional capability for versatile mobility.

PLUG-IN BATTERY
STABLE AND RELIABLE AUTONOMOUS CHARGING



The B2 battery offers versatile functionality, boasting both quick-change capabilities and the option for autonomous charging solutions, making it an ideal choice for a diverse array of applications.

B2 SPECIFICATIONS

INDRO ROBOTICS

Size(Standing)	1098mm×450mm×645mm
Size(Lying Prone)	880mm×460mm×330mm
Weight	≈60kg Total weight (battery included)
Battery Performance	Battery capacity 45Ah（2250Wh），voltage 58V
Endurance Ability	Battery life 4-6h Walking without load > 5h, and the mileage > 20km Walking with 20kg load > 4h, and the mileage> 15km
Wheeled Foot	Optional
Load(Standing)	Max. 120kg
Load(Walking)	> 40kg
Continuous Stair Climbing	Stairs of 20~25cm
Single Obstacle Crossing	Climb up and down stairs of 40cm in forward direction
Climbing Angle	> 45°
Operating Temperature	-20°C ~55°C
Running Speed	> 6m/s [1]
Ditch Jumping Width	0.5~1.2m
Max Jump Distance	> 1.6m
Ingress Protection	IP67
Control and Perception	intel Core i5×1，intel Core i7×3， Nvdia Jetson Orin NX×1 (Varies with different configurations)
Sensing Sensor	3D LiDAR ×1 + Depth camera ×2 + Optical camera ×2 (Varies with different configurations)
Interface	1000M-Base-Ethernet ×4，USB3.0 ×4，12V ×4，5V ×1，24V ×4，BAT ×1

*[1]：[1]: Implemented in a special configuration. Actually, speed limits will be set for safety.
* Reminder: some functions require manual operation or secondary development, and may vary with different configurations.
*Note that the above parameters may vary in application under different business scenarios, parameter configurations of different models, etc. Please refer to the actual situation.

INDRO ROBOTICS



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