



LYNX M20

Omni-Terrain Operations | Travel Light

Agile & Versatile More Application Scenarios

Backpack-sized for easy transport
Navigate freely through 50cm narrow passages



Extreme Environments Continuous Operations

IP66 protection rating
Operate in temperatures from -20°C to 55°C



Industry-Leading Performance



Payload
15kg



Max.
load
50kg



Endurance
2.5h



Stair-climbing height
25cm

Ultra-Wide Joint Mobility Range

Seamless "transformation", switch freely between "front elbow/rear knee" and "full elbow" leg configurations to adapt to diverse scenarios.



Lighter, Faster, Smarter

The all-new LYNX M20 debuts as a medium-sized, agile, and portable robot with industry-leading capabilities for harsh environments.



SPECIFICATIONS

LYNX M20

LYNX M20 Pro

Dimension	0.82m*0.43m*0.57m	0.82m*0.43m*0.57m
Weight	33kg	33kg
Payload	15kg	15kg
Unloaded Endurance/Range	3h/15km	3h/15km
Loaded Endurance/Range	2.5h/12km	2.5h/12km
Ingress protection	IP66	IP66
Temperature	-20°C~55°C	-20°C~55°C
Max. Speed [1]	5m/s	5m/s
Field Operating Speed	2m/s	2m/s
Step/Obstacle's H	25cm	25cm
Slope[2]	45°	45°
Computing Power	Dual Octa-Core 64-bit Industrial Processors (16GB+128GB)	Triple Octa-Core 64-bit Industrial Processors (16GB+128GB)
LiDAR	×2	×2
Wide-angle Camera	×2	×2
SLAM Mapping & Navigation	–	●
Omni-Directional Obstacle Avoidance[3]	●	●
Point Cloud Surround View[4]	●	●
Auto Charging	–	● (Optional)
Front/Rear LED Lights	●	●
Hot-Swappable Battery	●	●
Hardware Interfaces	Power Port (72V) Gigabit Ethernet	Power Port (24V/72V) Gigabit Ethernet, USB 3.0

All parameters are based on official test data; actual performance may vary. Final interpretation rights belong to DEEP Robotics.

[1] Lab-tested extreme data; speed limited to 3m/s for safety.

[2] Lab-tested data; actual performance may vary by surface material.

[3] [4] This feature will be available via a future OTA update.



official website