



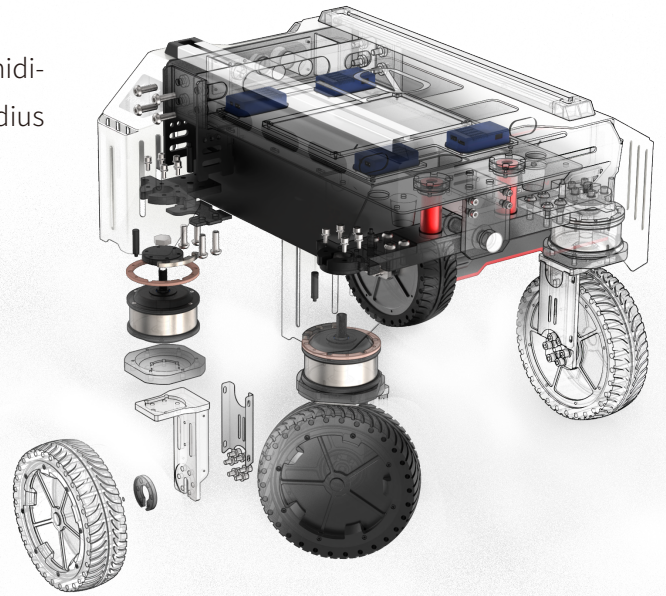
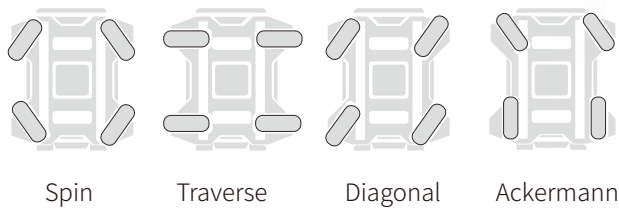
## RANGER **MINI**

- | Four Wheel Independent Steering
- | Multiple Moving Modes
- | Secondary Development Supported
- | Quick Release Battery

## » Four Modes, One Button

Ranger Mini carries forward AgileX' s technical heritage of omnidirectional UGV by featuring a compact body and zero turning radius to achieve 360° static steering.

- ▣ All-metal body with robust industrial design
- ▣ 4 x 120 W steering motors + 4 x 250 W driving motors
- ▣ Support Spin, Traverse, Diagonal and Ackermann modes



## » Agile Movements and Robust Performance



As a UGV with superb flexibility and performance, Ranger Mini combines the obstacle-climbing ability of SCOUT series with the high load capacity and long battery life of HUNTER series. Thanks to AgileX' s technical heritage in motion control, it can easily operate in both indoor and outdoor environments. Swing arm suspension and higher ground clearance bring a fresh movement experience for indoor and outdoor work.



200 mm ground clearance and 10° climbing capacity (full load)



50 KG load capacity

## » Removable Battery, Long Run Time

The run time of Ranger Mini lasting up to 5 hours, and the battery is removable designed.



5 Hours Run Time



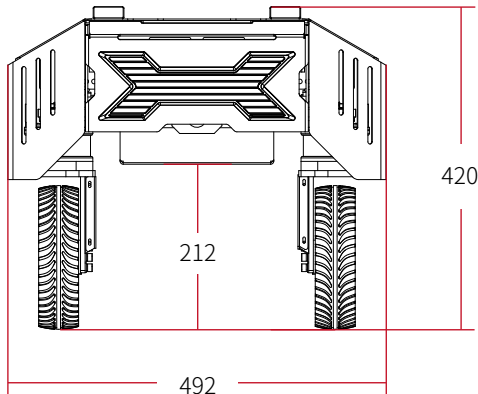
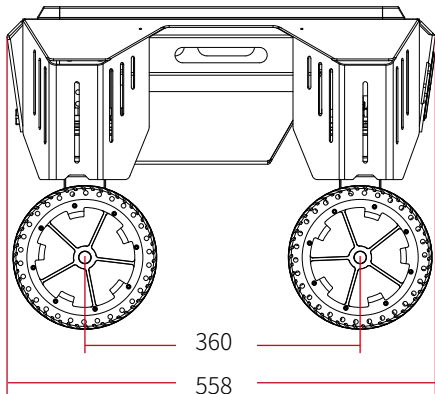
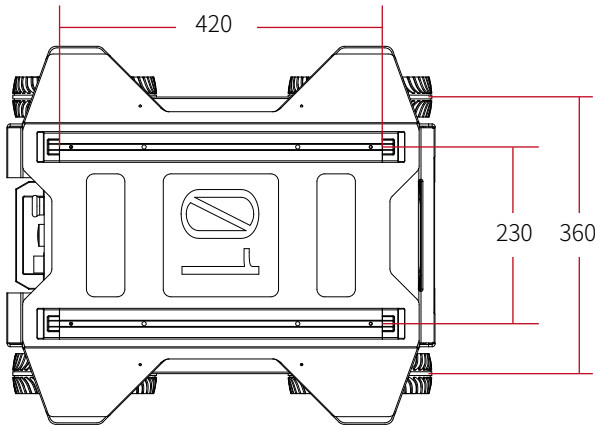
Quick Battery Replacement



» Specifications

Model	RANGER mini
Size	558mmx492mmx420mm
Wheelbase	360mm
Tread	360mm
Overall Mass	55KG
Maximum Speed	6km/h
Ground Clearance	212mm
Minimum Turning Radius	0mm
Spin mode	
Wheel Hub Radius	8 inch
Brake Type	Electronic brake
Rated Load In Movement	50KG
Maximum Slope	10° (with load)
Steering Type	Four wheel independent
Maximum Mileage	20KM
Maximum Battery Life	5~6h

Drive Type	In-wheel motor
Cooling Type	Air-cooled
Operating Temperature	—10~40°
Charger	29.4V10A
Charging Time	4H
Voltage	24V
Power Battery Type	Lithium iron phosphate
Battery	24V30AH (standard) 24V60AH (optional)
External Power Supply	24V
Motor	4 x 120 W steering and 4 x 250 W driving
Encoder	1024 Lines
Communication Interface	Standard CAN
Suspension Type	Swing arm suspension
Protection Level	IP22





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