



FOUR-WHEEL STEERING FOUR-WHEEL DRIVE CHASSIS

Ranger has built-in sensors such as industrial computer, LIDAR, camera and IMU, so it can realize environmental perception and environmental scene construction. It provides a rich interface and supports various common hardware platforms and application development platforms.

RELEASED VEHICLE BODY SPACE, MODULAR FREE COMBINATION

The Ranger, which is strong, durable and simple in design, releases a head space that can carry 150 KG. Users can realize the modular free combination and quickly create their own products.

MODULAR UPS WITH HOT-SWAPPING SUPPORT

Hot-swapping allows users to quickly swap out and replace dead batteries within a battery pack while the system is still running. It make robot maintenance easier, and quickly replacement battery. Redundancy design makes the reliability of the system doubled.

SPECIFICATIONS

DIMENSIONS (MM) (LXWXH)	1228 x 876 x 475	MAX OPERATING TIME	8hrs	GROUND CLEARANCE	100mm
WEIGHT	100 kg	MAX TRAVEL	20km	MOTOR	48V Brushless Geared Hub Motor
MAX. PAYLOAD	150 kg	TURNING RADIUS	0mm	CHARGING TIME	1hr
MAX. SPEED	9km/h	BATTERY	48V 24Ah	COMMUNICATION	Standard CAN
MAX. INCLINE	10° (with load)	POWER RATING	600w*4	RC TRANSMITTER	2.4G/extreme distance 200M
STEERING	Four wheel Independent	TORQUE RATING	22nm*4	SUSPENSION	Independent