





PHOTO	MODEL	FUNCTION
	A2-W Standard Version	<ul style="list-style-type: none">•Wheeled foot configuration•Payload capacity approximately 20-25kg•Unladen: Continuous travel time approximately 4-5 hours, range approximately 20km. With a payload of 25kg, continuous travel time approximately 2.5-3 hours, range approximately 12.5km.•Battery capacity: Single battery 9000mAh (453.6Wh); Dual batteries 18000mAh (907.2Wh)•Power supply: Dual-bay, dual-battery configuration•Recharge time per battery approximately 1 hour•Operating temperature -20°C to 55°C•Stair climbing ability (maximum continuous stair height) is at least 28 cm. Maximum climbing height (maximum single step height) is at least 90 cm. Maximum slope gradient: 45°.•Control and computing power: 8-core high-performance CPU (platform function) + Intel Core i7 (user development), that is, the built-in computing power is 2•Perception Sensors: LiDAR x 1; Wide-angle Camera x 1 (expandable to 2)•Equipped with a low-inertia, high-speed inner-rotor permanent magnet synchronous motor and dual joint encoders•Standard Features: WiFi 6, Bluetooth 5.2; Speaker; Microphone; Lighting•External interfaces: RS485 x2; CAN x2; Gigabit Ethernet x2; USB3.0-TypeC (8-core high-performance CPU) x2; USB3.0-TypeC (Intel Core i7) x2; Power output capacity: 12V; 24V; BAT;•Supports high-level and low-level secondary development, provides robot models and simulation interfaces, and supports simulation environments such as Isaac sim.•Support smart OTA upgrade•Functions: stable obstacle avoidance, point cloud surround view, lighting, high-definition image transmission, autonomous charging (optional)•Provide expert technical support, comprehensive development manuals, and ecosystem support.•One-year warranty for the entire device.
	A2-W PRO	<ul style="list-style-type: none">•All the features of the A2-W standard version•Increased to two laser radars•Equipped with a wireless vector positioning companion module•Equipped with a GPS module•Equipped with a 4G module•Equipped with a high-computing expansion dock, increasing the built-in computing power to three•Functions: SLAM positioning and mapping, autonomous navigation, stable obstacle avoidance, point cloud surround view, lighting, HD image transmission, and autonomous charging (optional)•Protection rating: IP56-IP67 (core components IP67 protection rating)



PHOTO	MODEL	FUNCTION
	Two-hand remote control	<ul style="list-style-type: none">•Charging Voltage: 5V•Communication Method: Data Transmission Module, Bluetooth•Operating Time: 5 hours•Remote Control Distance: 100 meters or more
	A2 battery (single battery)	<ul style="list-style-type: none">•Proprietary battery management system (BMS)•Rated capacity: 9000mAh (453.6Wh) per battery•Functions: power display, battery storage self-discharge protection, balance charge protection, overcharge protection, over-discharge protection, short circuit protection, battery load detection protection
	A2 charger	<ul style="list-style-type: none">•Input power: 100-240V, 50/60Hz, 4A, 350VA•Output power: 58.8V, 7A•IP67 protection rating
	High-computing power expansion dock	COMING SOON