

PHOTO	MODEL	FUNCTION
	<b>A2-W Standard Version</b>	<ul style="list-style-type: none"> <li>• Wheeled foot configuration</li> <li>• Payload capacity approximately 20-25kg</li> <li>• 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.</li> <li>• Battery capacity: Single battery 9000mAh (453.6Wh); Dual batteries 18000mAh (907.2Wh)</li> <li>• Power supply: Dual-bay, dual-battery configuration</li> <li>• Recharge time per battery approximately 1 hour</li> <li>• Operating temperature -20°C to 55°C</li> <li>• 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°</li> <li>• 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</li> <li>• Perception Sensors: LiDARx 1; Wide-angle Camera x 1 (expandable to 2)</li> <li>• Equipped with a low-inertia, high-speed inner-rotor permanent magnet synchronous motor and dual joint encoders</li> <li>• Standard Features: WiFi 6, Bluetooth 5.2; Speaker; Microphone; Lighting</li> <li>• 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;</li> <li>• Supports high-level and low-level secondary development, provides robot models and simulation interfaces, and supports simulation environments such as Isaac sim.</li> <li>• Support smart OTA upgrade</li> <li>• Functions: stable obstacle avoidance, point cloud surround view, lighting, high-definition image transmission, autonomous charging (optional)</li> <li>• Provide expert technical support, comprehensive development manuals, and ecosystem support.</li> <li>• One-year warranty for the entire device.</li> </ul>
	<b>A2-W PRO</b>	<ul style="list-style-type: none"> <li>• All the features of the A2-W standard version</li> <li>• Increased to two laser radars</li> <li>• Equipped with a wireless vector positioning companion module</li> <li>• Equipped with a GPS module</li> <li>• Equipped with a 4G module</li> <li>• Equipped with a high-computing expansion dock, increasing the built-in computing power to three</li> <li>• Functions: SLAM positioning and mapping, autonomous navigation, stable obstacle avoidance, point cloud surround view, lighting, HD image transmission, and autonomous charging (optional)</li> <li>• Protection rating: IP56-IP67 (core components IP67 protection rating)</li> </ul>



EAGLE PROJECTS

# Unitree

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