

PHOTO	MODEL	FUNCTION
	Go2 AIR	<ul style="list-style-type: none"> Product size: 70cm × 31cm × 40cm + D2:D30 Product material: aluminum alloy + high-strength engineering plastics Machine weight: 15 kg (including battery) Power supply voltage: 28V ~ 33.6V Maximum working power: about 3000W Load: about 7 kg (limit ~10 kg) Movement speed: 0 ~ 2.5 m/s Maximum climbing drop height: about 15 cm Maximum climbing slope angle: 30° Aluminum alloy precision joint motor: 12 pcs Internal wiring of knee joint Joint heat pipe auxiliary heat dissipation Large joint movement space: Body: -48° ~ +48° Thigh: -200° ~ +90° Calf: -156° ~ -48° Ultra-wide-angle 3D laser radar Wide-angle camera Basic sports, dance, etc. Smart OTA upgrade APP high-definition image transmission, remote control, all data viewing APP graphical programming Front lighting: 3W Wi-Fi 6 dual-band wireless 802.11ax Bluetooth: 5.2 / 4.2 / 2.1 Detection and obstacle avoidance Battery type: ordinary (8000 mAh) Battery life: 1~2 h Charger: ordinary (33.6V 3.5A) Warranty period: half a year Handheld remote control: optional Charging electrode: provided as standard when the device is shipped from the factory (if the Go2 charging station is not provided, the charging electrode is also provided as standard by default)
	Go2 PRO	<ul style="list-style-type: none"> All Air configurations available Retractable motor-driven reel: better transport experience High-performance octa-core processor Load capacity: about 8 kg (maximum limit ~10 kg) Movement speed: 0~3.5 m/s Maximum climbing drop height: about 16 cm Maximum climbing slope angle: 40° Basic computing power: high-performance 8-core CPU Maximum joint torque: about 45 N·m 4G module with built-in eSIM Voice interaction and voice command support Voice intercom Music playback (3W speaker) Smart companion functionality Warranty period: 1 year Charging electrodes are standard on the abdomen when leaving the factory (*electrodes are also included by default when the Go2 charging pile is not equipped)



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	Go2 Edu Standard Version	<ul style="list-style-type: none">•Product dimensions: 70 cm x 31 cm x 40 cm◦Total weight: 15 kg (including battery)◦Payload: approximately 8 kg (maximum ~10 kg)◦Speed: 0-3.7 m/s•Maximum climbing drop: approximately 16 cm•Maximum climbing slope angle: 40°•Cable routing within the knee joint, with joint heat pipes for enhanced heat dissipation•Large joint range of motion:<ul style="list-style-type: none">◦Body: +48° to -48°◦Thigh: +200° to 90°◦Calf: -156° to -48°•Ultra-wide-angle 3D LiDAR with obstacle avoidance and wide-angle HD camera•Equipped with 4G communication, built-in eSIM, and intelligent OTA updates•App-based HD image transmission, remote control, and full data viewing◦App-based graphical programming•Wi-Fi 6 dual-band 802.11ax wireless; Bluetooth 5.2 / 4.2 / 2.1•Battery type: Long-Life (15,000 mAh), 2-4 hours of battery life•Comes standard with a handheld remote control and fast-charging charger (33.6V / 9A)•Supports foot sensors, secondary development, and charging stations•Equipped with wireless vector positioning and control system for accompanying use•Features include:<ul style="list-style-type: none">◦Forward jumps, diagonal jumps, handstands, standing, somersaults, handshakes◦Jumping on people, sitting down, stretching, bowing, and various creative dances•Equipped with microphone, speaker, and 3W light◦Provides system status indicators and real-time feedback on the robot's status◦Can be paired with music and lighting for robot demonstrations•Built-in voice recognition module with:<ul style="list-style-type: none">◦Voice interaction capabilities◦Millisecond-level response time◦Industry-leading recognition accuracy and fast word recognition•Charging electrodes are included as standard on the abdomen◦Also the default when the Go2 charging station is not includedAdditional Accessories and Capabilities:<ul style="list-style-type: none">•Expansion dock with 40 TOPS computing power, including AI algorithms and technical support◦Intel RealSense D435 depth camera◦Optional servo robot arm D1•Comprehensive technical support services, development manuals, and ecosystem support•Supports secondary development, robot models, and simulation interfaces◦Compatible with environments such as Isaac SIM
	Go2 Edu Smart Version	<ul style="list-style-type: none">•Includes all functions of the Go2 Edu Standard Version•Expansion dock with 100 TOPS ultra-large computing power, including AI algorithms and technical support•Equipped with Intel RealSense D435i depth camera◦Optional servo robot arm D1 available•Provides excellent technical support services, comprehensive development manuals, and ecosystem support•Supports secondary development, offers robot models and simulation interfaces, and is compatible with simulation environments such as Isaac SIM
	Go2 Edu Laser Smart Version	<ul style="list-style-type: none">•Includes all functions of the Go2 Edu Standard Version•Expansion dock with 100 TOPS ultra-large computing power, including AI algorithms and technical support•Equipped with Intel RealSense D435 depth camera•Equipped with 3D laser radar Linovo Mid-360, including navigation algorithms and technical support◦Optional servo robot arm D1 available•Provides excellent technical support services, comprehensive development manuals, and ecosystem support•Supports secondary development, offers robot models and simulation interfaces, and is compatible with simulation environments such as Isaac SIM
	Go2 Edu Ultimate Version	<ul style="list-style-type: none">•Includes all functions of the Go2 Edu Standard Version•Expansion dock with 100 TOPS ultra-large computing power, including AI algorithms and technical support•Equipped with Intel RealSense D435 depth camera•Equipped with high-end 3D laser radar Hesai XT16, including navigation algorithms and technical support◦Optional servo robot arm D1 available•Provides excellent technical support services, comprehensive development manuals, and ecosystem support•Supports secondary development, offers robot models and simulation interfaces, and is compatible with simulation environments such as Isaac SIM



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	Two-hand remote control	<ul style="list-style-type: none">•Charging voltage: 5V•Charging current: 2A•Frequency: 2.4GHz•Communication method: data transmission module, Bluetooth•Running time: 4.5h•Remote control distance: more than 100m
	Go2 Standard Battery	<ul style="list-style-type: none">•Product size: 120mm*80mm*182mm•Rated voltage: DC 29.6V•Charging limit voltage: DC 33.6V•Charging current: 3.5A•Rated capacity: 8000mAh, 236.8Wh•Implementation standard: IS 16046 (Part 2)/IEC 62133-2•Self-developed battery management system (BMS)•Functions: power display, battery storage self-discharge protection, balance charging protection, overcharge protection, overcharge protection, over-discharge protection, short circuit protection, battery load detection protection
	Go2 long-lasting battery	<ul style="list-style-type: none">•Product size: 120mm*80mm*182mm•Rated voltage: DC 28.8V•Charging limit voltage: DC 33.6V•Charging current: 9A•Rated capacity: 15000mAh, 432Wh•Implementation standard: IS 16046 (Part 2)/IEC 62133-2•Self-developed battery management system (BMS)•Functions: power display, battery storage self-discharge protection, balance charging protection, overcharge protection, overcharge protection, over-discharge protection, short circuit protection, battery load detection protection
	Go2 Standard Charger	<ul style="list-style-type: none">•Product size: 210mm*108mm*48.2mm•Input power: 100-240V~50/60Hz 4A 350VA•Output power: 34.0V, 3.5A, 119.0W•Standard battery charging time: 2h•Long-life battery charging time: 4h

	Go2 Fast Charger	<ul style="list-style-type: none"> •Product size: 210mm*108mm*48.2mm •Input power: 100-240V~50/60Hz 4A 350VA •Output power: 33.6V, 9.0A, 302.4W •Standard battery charging time: 0.8h •Long-life battery charging time: 1.5h
	Go2 foot end (1 pair, left/right)	Material: high-performance rubber + high-strength material
	Go2 charging station (with fast charging adapter)	<ul style="list-style-type: none"> •Charging voltage: 33.6V •Charging current: 9A •Working temperature: 5 °C~40°C •Storage temperature: 22 °C~28°C •Relative humidity: ≤ 95%
	Go2 expansion dock (computing power 40Tops)	<ul style="list-style-type: none"> •Power supply voltage range: 16V- 60V •2 Expansion interface: •1 USB3.0- Type A, •1 USB2.0 Type C, 1 USB3.0 Type C, •2 Gigabit Ethernet ports (standard RJ45), •1 100M Ethernet (GH1.25- 4PIN), •1 M8 aviation plug interface" •With 40Tops computing power

 A silver-colored Go2 expansion dock device, showing its front panel with various ports and connectors.	Go2 expansion dock (computing power 100Tops)	<ul style="list-style-type: none">• Power supply voltage range: 16V-60V• 2. Expansion interface:<ul style="list-style-type: none">• 1 USB3.0-Type A,• 1 USB2.0 Type C, 1 USB3.0 Type C,• 2 Gigabit Ethernet ports (standard RJ45),• 1 100M Ethernet (GH1.25-4PIN),• 1 M8 aviation plug interface"• With 100Tops computing power
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	MID360 LiDAR	<ul style="list-style-type: none">• Including metal protection frame, including technical support services• Including customized cables• Power supply voltage range: DC 9-27V• Laser wavelength: 905mm• FOV: 360° horizontally, -7°~52° vertically• Including metal protection frame, including technical support services• If Yushu's self-developed navigation algorithm is required, it must be used together with the Go2 expansion dock (computing power 100Tops)
	XT16 LiDAR	<ul style="list-style-type: none">• Including metal protection frame, including technical support services• Including customized cables• Power supply voltage range: DC 9-36V• Laser wavelength: 905mm• FOV: horizontal field of view 360°, vertical field of view 30° (-15°~+15°)• If Yushu's self-developed navigation algorithm is required, it must be used together with the Go2-W expansion dock (computing power 100Tops) <p>• Brand: Intel</p>
	Depth Camera	<ul style="list-style-type: none">• Model: realsense D435i• Including metal bracket• Including customized cables• Minimum depth distance: 40cm• Depth image resolution: 1280*720 @ 30fps; 848*480 @ 90 fps• Depth of field of view: 86° * 57° <p>• Degrees of freedom: 6</p>
		<ul style="list-style-type: none">• Load: 500g (ideal weight)• Maximum arm span• 495mm (excluding the length of the gripper, which may change slightly due to subsequent structural changes)• 620mm (including the length of the gripper, which may change slightly due to subsequent structural changes)"• Power requirement: 24V 2.5A (MAX 5A)• Interface: DC5.5-2.1

Servo Robot Arm D1

- Power: 60W
- Control interface: control communication interface RJ45 (ETH)
- Joint parameters
- $J_1 \pm 135^\circ$
- $J_2 \pm 90^\circ$
- $J_3 \pm 90^\circ$
- $J_4 \pm 135^\circ$
- $J_5 \pm 90^\circ$
- $J_6 \pm 135^\circ$
- Display device: 5.5-inch 1080P high-definition high-brightness LCD touch screen