

P30 ALL-TERRAIN EXPLORER

Built for Complex Environments

Wheeled-Leg Mode

Long-Range Inspection,
Rapid Deployment

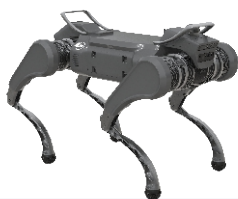


Quadruped Mode

Complex-Terrain Mobility



Specifications



		P30F	P30W
Basic Specifications	Weight (incl. Battery)	≈53kg	≈58kg
	Rated Payload	35kg	40kg
	Max. Payload	150kg	150kg
	Endurance (No Load)	5h/20km	6h/24km
	Endurance (Rated Payload)	3h/12km	4h/16km
	Dimensions (L×W×H, mm)	900×495×600	900×520×650
	Configuration	Quadruped	Wheeled-Leg
	Battery	46.8V/20Ah Li Battery	
	Charging	500W Charger / 2h 1000W Fast Charger (Optional)	
Mobility Performance	Max Speed	4m/s	5m/s
	Stair Climbing	30cm Industrial Stairs	
	Step Height	100cm	
	Max Slope	35°	
	Terrain Adaptability	Mountain / Stairs / Gravel / Grass / Off-road	
Environmental Protection	Protection	IP67	
	Operating Temp.	-20°C~50°C Low-Temp Kit (Optional)	
Perception	Depth Camera	Front-facing Depth Camera Front & Rear Depth Cameras(optional)	
	RGB Camera	Front & Rear Dual 8MP Cameras	
	Light	Front & Rear Light	
	IMU	Standard	
	LiDAR	Optional	
Navigation	RTK Positioning	Optional	
	Navigation	Optional Requires LiDAR + RTK	
	Target Tracking	Optional	
	Omnidirectional Obstacle Avoidance	Optional Requires Dual LiDARs	
Charging	Auto Docking + Charging Station	Optional Requires Navigation Solution	
Computing	Compute Module	Optional 3 Compute Options Jetson Orin Nano 8GB; Jetson Orin NX 8GB; Jetson Orin NX 16GB	
	AI Algorithm Support	Optional 3 AI Capability Levels Basic Vision: Detection/Recognition/Classification / Tracking Sensor Fusion: SLAM/Multi-Sensor Fusion/Semantic Scene Understanding Advanced AI: Multi-Model Inference/Local LLM/Multimodal Fusion	
Interfaces	External Power Output	BAT/24V/12V/5V(USB)	
	External Interfaces	GbE / 100M / USB3.0 / RS485 / CAN FD	
	Wireless Connectivity	WiFi 6+BT 5.3+4G 5G optional	
Accessories	Remote Controller	Display Remote Controller	
	Development Support	SDK & ROS Support; Custom Development Available	

Note: All specifications are based on official test data. Actual performance may vary depending on operating conditions. Latent Action reserves the right of final interpretation.