



B1

IP68

Industrial Grade Super Large Load
Dustproof & Waterproof



Unitree

Parameter		B1
Image		
Product Parameters	Size(Standing)	1126mm×467mm×636mm
	Weight (With Battery)	55kg
	Ingress Protection	IP68 (optional) IP67 (standard)
	Endurance Time	2–2.5h
	Max Walking Load (Payload)	20kg
	Max Standing Load	80kg
	Max Walking Speed	1.2m/s
	Fording Depth	1m
Obstacle Crossing Ability	Stairways	20cm
	Slopes	30°
Perception System	Perceptual Controller	Jetson Xavier NX*3
	Down Looking Terrain Direct Sensing Sensor	●
	Look Around Terrain Direct Sensing Sensor	●
Product Configuration	Wireless Vector Positioning Technology	●
	Max Instantaneous Torque Of Knee Joint	210N.m
	Gigabit Network Port	●
	Foot End Force Sensor And Interface	●
Functions & Equipment	5G wireless network communication, GNSS acquisition (GPS, Beidou, etc.), over-the-horizon communication.	Standard Configuration
	Smart manipulator, autonomous charging pile, PTZ camera, security patrol mounting platform, emergency rescue mounting platform.	Optional
Application	  	

*This manual will be modified appropriately according to product improvement, specification change and other reasons without additional notice.