

ROBOT SPECIFICATIONS

BASE SPOT DIMENSIONS

Length	1100 mm (43.3 in)
Width	500 mm (19.7 in)
Height (standing)	840 mm (33.1 in)
Height (sitting)	191 mm (7.5 in)
Net Weight	32.5 kg (71.7 lbs)

BATTERY

Capacity	605 Wh
Average Runtime	90 minutes
Standby Time	180 minutes
Recharge Time	120 minutes
Weight	4.2 kg (9.3 lbs)

CHARGER

Input Voltage	100-240VAC 50/60Hz 5.5A Max
Output	35-58.6 VDC 7.2A Max
Operating Temp.	0 to 40°C

CONNECTIVITY

WiFi	2.4Ghz b/g/n
Gigabit Ethernet	

CASE SPECIFICATIONS

ROBOT CASE

Length	927 mm (36.5 in)
Width	546 mm (21.5 in)
Height	464 mm (18.25 in)
Net Weight	47.6 kg (105 lbs)

POWER CASE

Length	559 mm (22 in)
Width	432 mm (17 in)
Height	464 mm (18.25 in)
Net Weight (two batteries)	22.7 kg (50 lbs)

ENVIRONMENT

Ingress Protection	IP54
Operating Temp	-20 to 45°C

TERRAIN SENSING

Horizontal Field of View	360°
Range	4 m (13 ft)
Lighting	> 2 Lux
Collision Avoidance	Maintains set distance from stationary obstacles

LOCOMOTION

Max Speed	1.6 m/s
Max Slope	±30°
Max Step Height	300 mm (11.8 in)

PAYLOAD SPECIFICATIONS

GENERAL

Max Weight	14 kg (30.9 lbs)
Mounting Area	850 mm (L) x 240 mm (W) x 270 mm (H)
Mounting Interface	M5 T-slot rails
Connector	DB25 (2 ports)
Power Supply	Unregulated DC 35-58.8V, 150W per port
Integration	Available software API and hardware interface control document

CONTROLLER SPECIFICATIONS

GENERAL

Height	144 mm (5.7 in)
Width	274 mm (10.8 in)
Depth	53 mm (2.1 in)
Weight	580 g (1.3 lbs)
Touch Screen Size	7" diagonal
Resolution	1920x1200

SAFETY AND COMPLIANCE

UNITED STATES

- Designed according to ISO 12100 for risk assessment and reduction methodology and IEC 60204-1 for electrical safety. See [User Guide](#) for further details on intended uses.
- EMC: FCC Part 15A
- Radio equipment: Incorporates a FCC Part 68 Certified radio system
- Laser product = Class 1 eye-safe per IEC 60825-1:2007 & 2014