

SPOT[®]

QUADRAPED MOBILE ROBOT



TOP



SIDE



FRONT



DIMENSIONS

EXTERNAL DIMENSIONS (L x W x H)	1110 x 500 x 840 mm (43.3 x 19.7 x 36.1 in)
HEIGHT (Sitting)	191 mm (10.5 in)
NET WEIGHT	32.5 kg (71.7 lbs)

BATTERY

BATTERY CAPACITY	605 Wh
AVERAGE RUNTIME (NO PAYLOAD)	90 mins
STANDBY TIME / RECHARGE TIME	180 mins / 120 mins

BATTERY CHARGER

INPUT VOLTAGE	100-240VAC 50/60Hz 5.5A Max
OUTPUT	35-58.6 VDC 7.1A Max
OPERATING TEMPERATURE	0 to 40°C

LOCOMOTION

MAX SPEED / MAX SLOPE	1.6 m/s, +/- 30°
MAX STEP HEIGHT	300 mm (11.8 in)

PAYLOADS

MAX WEIGHT	11 kg available, 14 kg total (30.9 lbs)
MOUNTING AREA (LxW)	180 mm x 240 mm
MOUNTING INTERFACE	Threaded M5 bolt pattern
CONNECTOR	Molex
POWER SUPPLY	Regulated power output 24V at 150W, 12V at 150W, 5V at 10W

INTERFACING

DRIVERS & APIS	ROS Kinetic, Melodic, C++, Python, Spot API
CONNECTIVITY	WiFi 2.4 Ghz b/g/n, Gigabit Ethernet

TERRAIN SENSING & ENVIRONMENT

HORIZONTAL FIELD OF VIEW / RANGE	360° / 4 m (13ft)
COLLISION AVOIDANCE	Maintains set distance from stationary obstacles
IP RATING	IP54

CONTACT US FOR MORE INFORMATION

MYBOTSHOP uG
Auf dem Driesch 60
50129 Bergheim
Germany

TEL: +49 (0) 2271 588 930
@: info@mybotshop.de
web: www.mybotshop.de

