



SQD-Robo Patrol

Protect your warehouse from FIRE, FLOOD, and EXTERNAL INTRUDERS automatically at a reasonable price



Cost Effective

Multi-functional robot with a reasonable price



Easy to Setup

Quick, one-time setup within an hour
No technical know-how will be required



Detection Sensors for Multiple Parameters

5 sensors are built-in in SQD-Robo Patrol
Including temperature, olfactory (CO, flammable gas, smoke), water-flood, humidity and passive infrared (PIR) motion sensors to detect fire, flood, external intruders, and other possible hazards



24/7 Security Patrol

SQD-Robo Patrol will automatically return to the charging station, which enables 24/7 operation



Real-time Monitoring

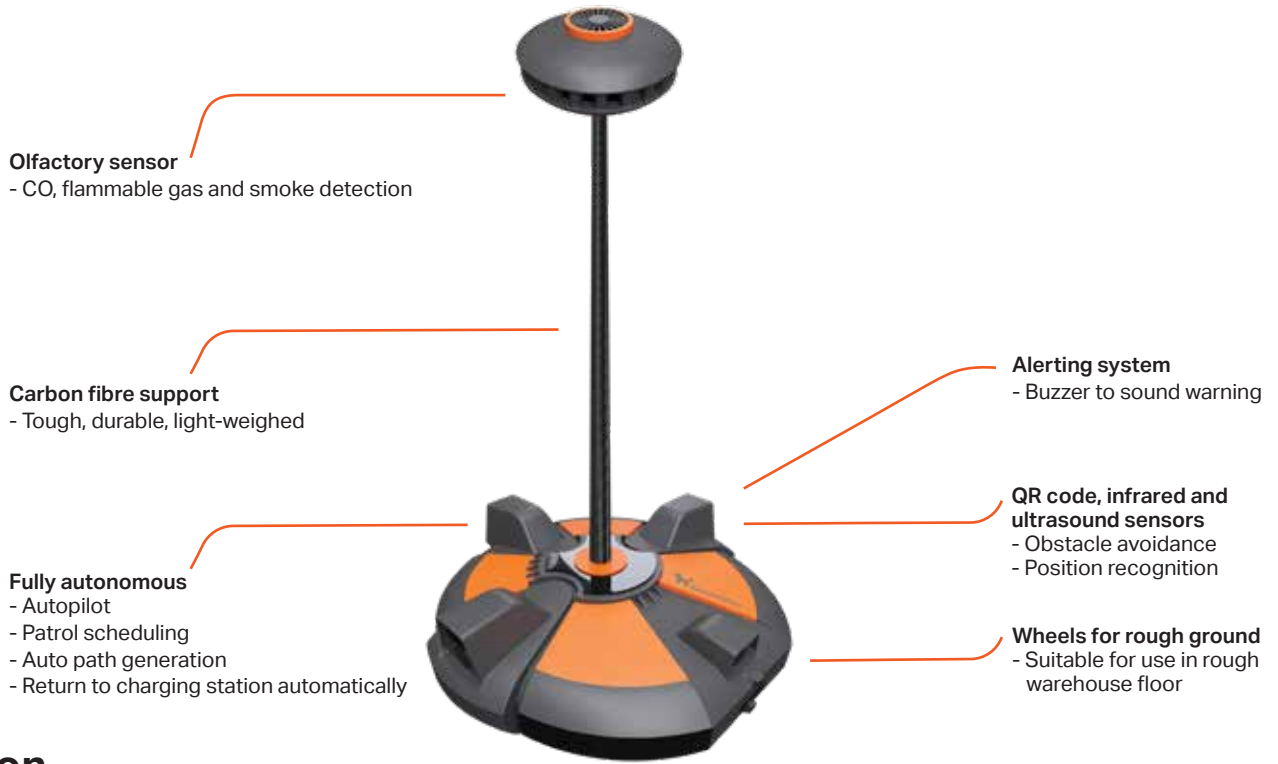
Provide alerts of suspicious situations and real-time signals to the dashboard for analysis



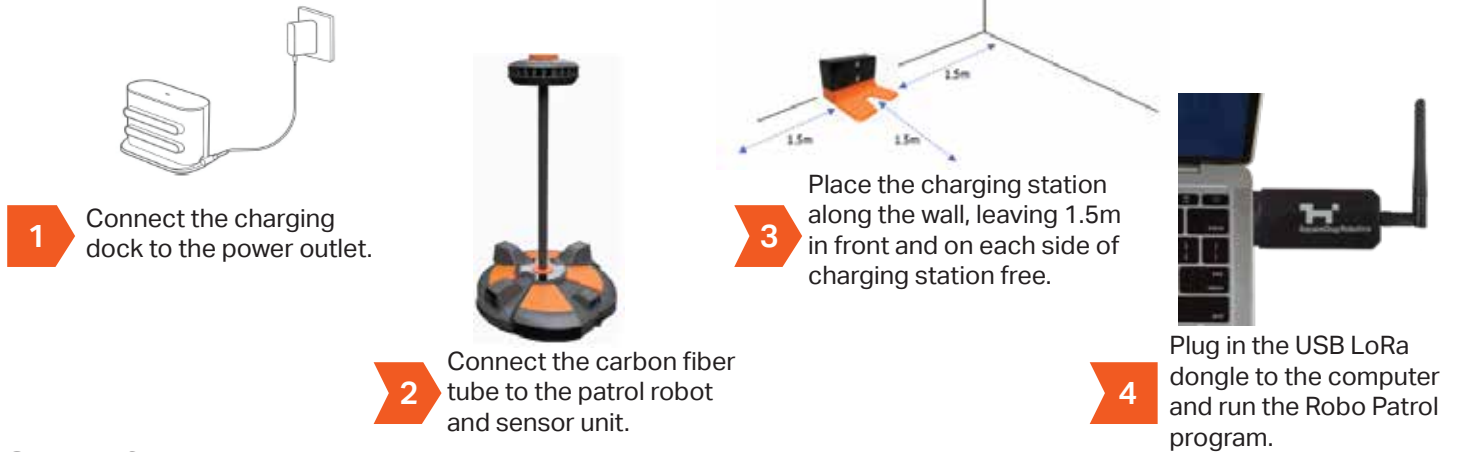
Heavy-duties Wheel for Rough Ground

- Ride up a slope up to 1:10
- Pass through a threshold over 10mm
- With sensor to avoid fall off a step or other steep drop

Features



Installation



Specification

Patrol Robot	
Size	430 x 430 x 130 mm
Rated input voltage	15 V
Rated input current	2 A
Battery capacity	5800 mAh
Max voltage	12.6 V
Net weight	~2 kg
Wireless communication	LoRa

Functional Sensors
QR code reader
Ultrasound sensor
Infrared sensor

Detection Sensors
Temperature
Olfactory (CO, flammable gas, smoke)
Water-flood
Humidity
Passive infra red (PIR)

Charging Station	
Size	190 x 110 x 120 mm
Rated output voltage	15 V
Rated output current	2 A

Power Adaptor	
Input voltage	100 - 240 V
Input current	0.7 A
Input AC frequency	50 / 60 Hz
Output voltage	15 V
Output current	2 A
Output power	30 W
No-load power consumption	0.1 W

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