



For

Electrical and Mechanical Services Department

isRobotic Solution

Nowadays, robot help humans to improve their life, they slowly reshaping the labour market by replacing humans, especially in developed countries.



Safety



Less Contact



Quality



Fast



No salary and
Cost down



No Risk



AI Delivery Robot



AI Mobile Fever Screening Robots

Spec of AI Mobile Fever Screening Robots



Hardware specification

	Item Description	Particulars
1	Product size	545mm*545mm*1335mm (Height will change according to machine form)
2	Product Weight	31kg
3	Product color	Silver or gary
4	Environmental requirements	Storage temperature: -40 ° C ~ 70 ° C; working temperature: -10 ° C ~ + 50 ° C Humidity (RH): 10% ~ 90%
5	Screen size	LCD screen 10.1 inches
6	Screen Resolution	1200px*1920px
7	MIC	6 microphones, 360 ° sound source positioning, 5 meters radio range
8	Head rotatable	Horizontal: -90 ° ~ + 90 ° or -180 ° ~ + 90 ° Look down and look up: -5 ° ~ + 40 °
9	12MP camera	1 for photography and video in front of the head
10	Wide-angle color camera	2 on the both side of head, mainly used for face and body detection and tracking

Hardware specification

	Item Description	Particulars
11	RGBD depth camera	3, mainly used for ranging, obtaining depth information, and avoiding obstacles
12	Wide-angle fisheye camera	1, mainly for visual repositioning
13	Lidar	1, 270 °, 15 meters coverage
14	Infrared sensor	5 for obstacle avoidance
15	Nine-axis gyroscope sensor	1, to detect body balance position
16	Carrier support	3G/4G For Internet use only
17	Networking configuration	TD-SCDMA:1880-1920MHz 2010-2025MHz WCDMA:1940-1965MHz CDMA2000:825-835MHz TD-LTE:1880-1920MHz 2300-2370MHz 2555-2655MHz LTE FDD:1735-1765MHz 1765-1780MHz WIFI:5725-5850MHz 2400-2483.5MHz BT: 2400-2483.5MHz
18	Moving speed	The default speed is 0.7m / s, and it can be customized, and the maximum speed is 1.2m / s
19	Main frequency on Processor	Highest frequency 2.35GHz
20	Operating system	Based on Android 7.1

Hardware specification

	Item Description	Particulars
21	RAM (memory)	4G
22	ROM (capacity)	64G
23	Input power	DC 29V 12A
24	Battery	Lithium battery, capacity 41Ah, voltage 25.2V, 10+ hours battery life, using 18650 battery which is same as Tesla usage, fast charging without heat and explosion
25	Charging pile	Input: 198 ~ 240V 50/60 Hz 1A, MAX 12A; output: 29.4V / 12A, full power for 6 hours Green light on: standby mode; green light flashing: charging; red light fast flashing: error occurred
26	Certification	CCC product certification, SRRC type approval, CTA network certification
27	Indicator light	Power button light; light strip on the robot base: Flashing in blue: start-up; stay in blue: normal working status Flashing in green: charging; stay in green: charging complete Stay in red: emergency stop, low battery or error occurred
28	Voice OS	Far and wide-range voice recognition technology, the recognition accuracy can reach 97% within 5 meters in normal environment
29	Remote feature	Support remote operation, remote video call, remote monitoring, remote OTA upgrade system
30	Noise	42dB at stationary status