

AMY PLUS



AMY Plus



Item	Spec
Outer Size	650x560x1500mm
Total Weight	Approx. 50kg
Movement	Wheeled Differential
Speed	0.1-0.7 m/s
Screen Size	23.8 inch Touch Screen
Navigation	Lidar Slam
Charge Mode	AC 100 – 240V Manual/Automatic
Battery	24V20AH
Charging Time	< 10hrs
Outer Material	ABS Material

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Size & Weight	Robot Host Size:L650*W560*H1500mm
	Package Size: L940*W700*H1740mm
	Package Gross Weight : approx.91kg
	Robot Net Weight : approx.60kg
Battery	Type: Ternary Li-ion Battery
	Capacity : 40Ah
	Working Hour : >10H
	Standby Hour : >20H
Face Expression	Charging Time : <10H
	Type : Red LED Array Face Choices : 3 options (Smart exchange upon scene changes)
Touch Screen	Type : Capacitive multi-touch
	Size : 23.8 inch
	Screen Size/Aspect Ratio: 35.4cm(W)x 57.6cm(L)
	Resolution Ratio: 1920*1080
Base Layer Control System	CPU : J1900, Four Core 2.0GHz
	RAM : 4G
	ROM : 32G
	OS : ubuntu 14.04 (64 bits)
Upper Layer Control System	CPU : RK3288, Four Core Cortex-A17, 1.8GHz
	GPU : ARM Mali-T764, 600MHz
	RAM : 2G
	ROM : 8G
Motion Performance	OS : Android 5.1.1
	Speed : 0~0.7m/s(Adjustable)
	Running Noise(from 1m away) : ≤55dB
Sensors	Braking Distance : ≤100mm
	Head : Mic*6, _HD Camera*1
	Lower Body : Ultrasonic Sensor*1, IR Sensors*5, Body Sensor*1
Motion Parts	Bottom : Milemeter*2, 16m Lidar Laser Sensor*1
	Chassis : 5" Drive Wheels*2, 2" Universal Wheels*4 (follower wheels)
Voice	360 degree sound localization
Wireless Network	Hi-Fi Speaker, max support output 75dB
	WIFI : IEEE 802.11 a/b/g/n(2.4GHz/5GHz)
Indicator Light	Bluetooth 4.0
	Ears: Blue Led Lighting
Power	Chassis: Blue Led breathing lamp tape
	Charger Input : AC100~240V, 50~60Hz
Working Ambience	Charging Pile Input: DC24V5A
	Working Condition: Indoor with good lighting
	Ground Condition : Dry ceramic tile, Wood, Furry Carpet (Length<12mm)
	Temp : 0~40°C
Camera Resolution	Humidity : 0~80%
	0.3 Megapixel