


Phantas Specification		
Product Model		GS-Phantas All-in-one cleaning robot
Robot Version		V1.1
Sales Region		Overseas
Applicable Scenario		Office Building Hotel Small sized supermarket Hospital Restaurant Retail Shops
Product Parameters	Items	
Basic Information	Dimension	540mm (L) * 440mm (W) * 617mm (H)
	Net weight	53kg
Robot	Vacuuming/sweeping work width	410mm
	Working width of floor scrubbing	330mm
	Practical cleaning efficiency	250-500sqm/h (Depends on the complexity of environment)
Display	Display Screen Size	7-inch
	Resolution	1024 * 600
	Touch type	TFT LCD (LCD screen)
Sensor	Navigation technology	SLAM navigation
	Numbers of Lidars	5
	Number of cameras	2
	Anti-Falling sensor	Standard
	Anti-collision sensor	Standard
Maneuverability	Maximum Gradeability	8°
	Minimum obstacle detectable height	3cm
	Maximum cleaning speed	0.8 m/s
	Minimum turning radius	350mm
	Minimum edge clearance	0
	Type/number of driving wheels	Driving heels * 2, Universal wheel * 2
	Minimum passing width (in cleaning mode)	60cm* (Supported via OTA to AIO1.1)
	Minimum passing height	65cm
	Minimum turn-around width	75cm* (Supported via OTA to AIO1.1)
	Max. gap width it can go over	20mm
	Max. obstacle height it can go over	17mm
Scrubbing	Main brush type/number	Roller brush * 2
	Runtime of full water tank	No less than 1000m²
	Clean/dirty water tank capacity	Clean water tank 11.5L / Dirty water tank 10.5L
	Squeegee width	490mm
	Runtime of scrubbing (medium level configuration)	4~4.5 h
Vacuuming	Dust bag emptying interval	3-7 days
	Runtime of vacuuming (medium level configuration)	4 ~4.5h

Sweeping	Runtime of sweeping	Up to 18h
	Type/number of side brush	Side brush * 1
	Type/number of roller brush	Roller brush * 2
	Roller brush cleaning width	330mm
	Trash box capacity	0.7 L
Mopping	Runtime of mopping	Up to 10h
Software	Breakpoint continuation	Yes
	Mobile app Configuration	Standard
	Offline operation (local control)	Standard
	Cloud connection capability	Standard
	Task report / alarm notification	Standard
	Preset no-go area	Standard
	OTA Capability	Standard
Battery	Charging time	2h
	Battery voltage	24V
	Battery capacity	40Ah LFP Battery
Others	Handle	Standard
	Noise Level	<65dB
	Manual Charger	Standard
	Indicator Light	Standard
	Voice alert	Standard
	4G/Wi-Fi	Standard
	Lora	Optional
	Water-proof Level	IPX3
Charging Dock	Charging Voltage	29.4 V
	Maximum output power	735W
	Min. space for installation of charging dock	120*70*74cm
	Size	345mm(L)*195mm(W)*689mm(H)
	Charging indicator	Standard
Easy-for-Maintenance Tools	Multi-purpose steel brush	Standard
	Bar brush	Standard