






Wuhan Donglisheng M&E Technology Co.,LTD

	Robot Model	SU-01 	SU-02 	SU-03 
Disinfection parameters	Disinfection mode	UV-C lamp		
	Disinfection efficiency	99.9%		
	UV lamp power	6 x 36 W	6 x 75 W	6 x 30 W
	UV Output	72 W	141.6 W	72 W
	Disinfection speed	50-100 m ² / 20min		
Mechanical parameters	Navigation type	SLAM (Simultaneous Localization And Mapping) natural navigation		
	Walking speed range	2 - 40 m/min (reduced to 1 - 25 m/min while turning)		
	Weight	75 kg	60 kg	43 kg
	Outline size L x W x H	500 x 550 x 1390 mm	586 x 536 x 1200 mm	540 x 360 x 1536 mm
Safety system	People detection	Detection of people at 5m: disinfection stop	No detection	No detection
	Obstacle detection sensors	Lidar + Ultrasonic + Vision camera	Lidar + Ultrasonic + By contact	Vision camera
	Obstacle collision avoidance	Automatic obstacle avoidance and direction change	Automatic stop and waiting in case of unscheduled obstacle	Automatic obstacle avoidance and direction change
	Manual emergency stop	Emergency stop switch		
Power supply system	Battery type	Lithium iron phosphate battery		
	Battery voltage / capacity	24V / 30AH	24V / 25AH	37V / 20.8AH
	Charging mode	Manual or Automatic self-charging (will self charge when battery reaches less than 20%)		
	Continuous operation time	2~3 Hrs	1.5 Hrs	2~3 Hrs
	Charging time	3 Hrs	3 Hrs	5 Hrs
Communication system	Network connection	WIFI		
Control system	Control mode	Remote control panel with PC Windows (smart phone APP under development)	PC Window	smart phone APP
General info	Certification	CE and FCC		