集萃智造
JITRI INTELLIGENT MANUFACTURING

INNOVATION IS THE SOUL OF DEVELOPMENT

COMMERCIAL GROUND

CLEANING ROBOTS



Feature

Multi-mode combination of cleaning + vacuuming + mopping, cloud monitoring, data query, various applications;Multi-sensor fusion technology to achieve accurate positioning and plan full coverage path cleaning mode; Optional elevator IOT module to achieve automatic escalator and cross-floor operation; suitable for shopping malls, office buildings, hotels, high-speed railway stations, airports, factories, parks, scenic spots, hospitals, residential and other indoor scenes daily cleaning.

Contact Us

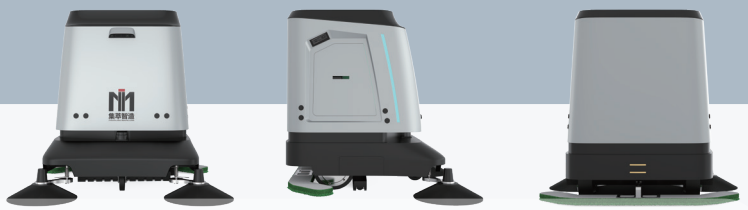
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Eight Functions

One machine for multi-purpose
Cleaning, vacuuming, mopping Multi-mode free combination

Intelligent IOT
Automatic escalator, Automatic cross-floor operation

Compatible with hard and soft floors
Applicable to hard floors and short-hair carpets, Intelligently recognize changes of floor materials

Routine inspection and cleaning
Planning optimal path, Flexible response to emergencies

High speed graphics
SLAM precise scanning sense, High efficiency deployment

Safe & Worry free
Multi-sensor fusion, Achieve obstacle avoidance

Simple operation
PC & APP simple operation, Support remote monitoring and scheduled tasks

Digital Operation
Automatic sending refining visual data report

Technical Data

Exterior	Size 550X400X700（mm）	Self-weight ≤80Kg	Material & Colors ABS+Metal, Black+Grey
Cleaning Performance	Efficiency up to 2000m²/h	Cleaning Width 600mm	Dust box Volume 4L
Running capacity	Cleaning Modes Multi-mode combination of cleaning + vacuuming + mopping	Waste/stain types Hair, paper scraps, gray seats, gravel, cigarette butts, milk, coffee grounds, footprints, etc	
	Battery Li-battery, 80Ah	Charging time 3h	Charging method Manual & Automatic
	Standby time ≥24h（Scheduled dormancy awakening）	Running capacity vacuuming mode (4h), mopping mode (8h)	
Hardware performance	Running power & Speed ≤1000W、0-5Km/h	Max climbing angle ≤5°	Max crossing height 20mm
	Navigation & Positioning Laser SLAM+depth camera、±50mm	Depth camera sensor 400~1300mm	Anti-drop sensor Supportable
Software performance	Ultrasonic sensor 6pcs, 500mm	Work humidity humidity 10-90%, None of compression & condensation	Work temperature -10℃ ~ 50℃
	Main system Inter core i5, ubuntu	Control method PC and & Mobile App	No Network Supportable
	Maximum Single mapping area 100000m²	Network 4G（Supports IoT network card and mobile card, All-Modes）	

Applications

